

LAND APPLICATION SITE
ANNSVILLE TIMBER COMPANY
DWATC 1 - 12
DINWIDDIE COUNTY

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 2/11/2020 between Annsville Timber Co LLC referred to here as "Landowner", and Recyc Systems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) with county documentation identifying owners, attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
<u>TM 53 P 17</u>	<u>TM 55 P 22</u>	<u>TM 55 P 18</u>	
<u>TM 55 P 22B</u>	<u>TM 66 P 11</u>	<u>TM 53 P 16</u>	
<u>TM 54 P 23B</u>	<u>TM 67 P 19</u>		
<u>TM 55 P 22C</u>	<u>TM 79 P 22</u>		

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: ☐ The Landowner is the sole owner of the properties identified herein.
☒ The Landowner is one of multiple owners of the properties identified herein.


In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

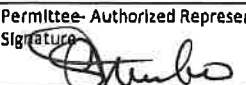
Class B biosolids Water treatment residuals Food processing waste Other industrial sludges
☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No ☒ Yes ☐ No

Printed name <u>Annsville Timber Co., LLC</u>	Mailing Address <u>128 5th Hawk W</u> <u>Duck NC 27949</u>	Landowner Signature 
By: <u>Peebles Harrison</u>	Phone No. <u>252-480-1414</u>	
Title* <u>Manager</u>		
<input type="checkbox"/> I certify that I have authority to sign for the landowner as indicated by my title as executor, Trustee or Power of attorney, etc. <input checked="" type="checkbox"/> I certify that I am a responsible official [or officer] authorized to act on behalf of the following corporation, partnership, proprietorship, LLC, municipality, state or federal agency, etc.		

Permittee:

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

Printed name <u>Susan Trumbo</u>	Mailing Address <u>PO Box 562, Remington Virginia 22734</u>	Permittee- Authorized Representative Signature 
Title <u>Technical Manager</u>	Phone No. <u>540-547-3300</u>	

Permittee: Recyc Systems, Inc County or City: Dinwiddie
Landowner: Peebles Harrison (L M Harrison farm)

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
 - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
 - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
 - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
 - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
 - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
 - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
 - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
 - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

 - a. Meat producing livestock shall not be grazed for 30 days,
 - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
 - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

M. P. Harrison
Landowner's Signature


2/18/2020
Date

Operator's Signature

mailing address & phone

Date

FARM DATA SHEET

SITE NAME:	Annsville Timber Company		COUNTY:	Dinwiddie	
OWNER:	Annsville Timber Company LLC; M. Peebles Harrison Manager		OPERATOR:	Chip Baskerville (Fields 6-12)	
OWNER'S ADDRESS:	128 Sea Hawk W Duck, NC 27949		OPERATOR'S ADDRESS:	21508 Baskerville Mill Rd. McKenney, VA 23872	
OWNER'S TELEPHONE:	252-480-1414		OPERATOR'S TELEPHONE:	804-691-5267	
GENERAL FARM TYPE:	Row Crop, Hay, Pasture		CELL PHONE:	804-691-5267	
# CATTLE:	None		EMAIL:	Cbaskerville91@gmail.com	
LAGOON or SLURRY:	None		LATITUDE:	F 1-3 37.050 F 4-5 37.059 F 6-8 37.047 F 9 37.008 F 10-11 36.991 F 12 37.006	
TOPO QUAD:	Dewitt, Darvills, Warfield		LONGITUDE:	F 1-3 -77.712 F 4-5 -77.693 F 6-8 -77.770 F 9 -77.791 F 10-11 -77.789 F 12 -77.750	
COMMENTS:	METHOD OF DETERMINATION:		Online Maps		
Derek Martin farms Fields 1-5 196 Inchon Rd. Fort Lee, VA 23801 804-691-2125					
The county still lists parcel 54-23B in Llyod Meade Harrison Jr. name. He is now deceased, Annsville Timber Company LLC (his son, Marion Peebles Harrison) inherited the land.					
9-15-20 BB 					

NEW FIELD CHANGES
ANNSVILLE TIMBER COMPANY
DINWIDDIE COUNTY

**THE NEW ANNSVILLE TIMBER COMPANY IS PART OF THE OLD
L. MEADE HARRISON BOOK.**

NEW FIELD 1 IS PART OF OLD FIELD 4.

NEW FIELD 2 IS PART OF OLD FIELD 4.

NEW FIELD 3 IS PART OF OLD FIELD 4.

NEW FIELD 4 IS PART OF OLD FIELD 22.

NEW FIELD 5 IS PART OF OLD FIELD 22.

NEW FIELD 6 IS PART OF OLD FIELD 3.

NEW FIELD 7 IS PART OF OLD FIELD 3.

NEW FIELD 8 IS A NEW FIELD.

NEW FIELD 9 IS OLD FIELD 5.

NEW FIELD 10 IS PART OF OLD FIELD 21.

NEW FIELD 11 IS PART OF OLD FIELD 21.

NEW FIELD 12 IS OLD FIELD 6.

RECYC SYSTEMS, INC

FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWATC 1	13.1	9B Jan.-Apr. 16A Nov.-Apr.	-	-	-	CU 13	55-22B 54-23B	T 618 F 1
DWATC 2	5.4	9B Jan.-Apr.	-	-	-	CU 13	55-22	T 5224 F 3
DWATC 3	2.0	9B Jan.-Apr.	-	-	-	CU 13	55-22C	T 5224 F 1
DWATC 4	10.7	-	-	-	-	CU 13	55-18	T 5223 F 1, 2
DWATC 5	1.7	-	-	-	-	CU 13	55-18	T 5223 F 3
DWATC 6	6.5	-	-	-	-	CU 13	53-17	T 412 F 4
DWATC 7	10.6	-	-	-	-	CU 13	53-17	T 412 F 1, 3, 5
DWATC 8	13.1	-	-	-	-	CU 13	53-16	T None F None
DWATC 9	3.8	-	-	-	-	CU 11	66-11	T 2371 F 2
DWATC 10	10.2	-	-	-	-	CU 11	79-22	T 481 F 2

9-21-20

DWATC 11	7.3	-	-	-	-	CU 11	79-22	T 481 F 3, 4
DWATC 12	21.3	16A Nov.-Apr.	-	-	-	CU 13	67-19	T 832 F 4, 5
TOTAL ACRES IN SITE	105.7							

9-21-20

Landowner Coordination Form

Signature not required on this page

[illegible]

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet
(Fall, 2020-Winter, 2022)
Annsville Timber Company
Planner: John Doe

Tract: 412 Location: Dinwiddie
 (N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4/DWATC 6(N)	7/7	2020 2021	Wheat (grain)	100-60-60 -- -- --	0/0				100-60-60	N/A			
1, 3, 5/DWATC 7(N)	11/11	2020 2021	Wheat (grain)	100-60-60 -- -- --	0/0				100-60-60	N/A			

Commercial Application Methods:
 br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 481

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
2/DWATC 10(N)	10/10	2020 2021	Wheat (grain) *** **	100-60-60 -- --	0/0				100-60-60	N/A			
3, 4/DWATC 11(N)	7/7	2020 2021	Wheat (grain) *** **	100-60-60 -- --	0/0				100-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 618

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/DWATC 1(N)	13/13	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 832

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
4, 5/DWATC 12(N)	21/21	2020 2021	Wheat (grain)	100-60-60 -----	0/0				100-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 2371 Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
2/DWATC 9(N)	4/4	2020 2021	Wheat (grain)	100-60-60 --- ---	0/0				100-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 5223

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 2/DWATC 4(N)	11/11	2020	Hay/Pasture	100-50-95	0/0				100-50-95	N/A			
3/DWATC 5(N)	2/2	2020	Hay/Pasture	120-80-170	0/0				120-80-170	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 5224

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
3/DWATC 2(N)	5/5	2020	Hay/Pasture	100-50-95	0/0				100-50-95	N/A			
1/DWATC 3(N)	2/2	2020	Grass Pasture	50-30-40	0/0				50-30-40	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: NONE Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
NONE/DWATC 8(N)	13/13	2020	Wheat (grain)	100-60-60	0/0				100-60-60	N/A			
		2021											

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
412	DWATC 6	7	[No Test]						
412	DWATC 7	11	[No Test]						
481	DWATC 10	10	[No Test]						
481	DWATC 11	7	[No Test]						
618	DWATC 1	13	[No Test]						
832	DWATC 12	21	[No Test]						
2371	DWATC 9	4	[No Test]						
5223	DWATC 4	11	[No Test]						
5223	DWATC 5	2	[No Test]						
5224	DWATC 2	5	[No Test]						
5224	DWATC 3	2	[No Test]						
NONE	DWATC 8	13	[No Test]						

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
412	412/4	DWATC 6	7	Cecil	IVa	II	III	II	
	412/1, 3, 5	DWATC 7	11	Appling	IVa	II	III	III	
481	481/2	DWATC 10	10	Cecil	IVa	II	III	II	
	481/3, 4	DWATC 11	7	Cecil	IVa	II	III	II	
618	618/1	DWATC 1	13	Herndon	IVa	III	III	III	
832	832/4, 5	DWATC 12	21	Cecil	IVa	II	III	II	
2371	2371/2	DWATC 9	4	Cecil	IVa	II	III	II	
5223	5223/1, 2	DWATC 4	11	Herndon	IVa	II	III	III	
	5223/3	DWATC 5	2	Georgeville	IVa	II	III	III	
5224	5224/3	DWATC 2	5	Herndon	IVa	II	III	III	
	5224/1	DWATC 3	2	Herndon	IVb	III	III	III	
NONE	NONE/N ONE	DWATC 8	13	Cecil	IVa	II	III	II	

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: **New Plan** **Fall, 2020 - Winter, 2022**

Farm Name: **Annsville Timber Company**

Location: Dinwiddie

Specialist: John Doe

N-based Acres: 105.7

P-based Acres: 0.0

Tract Name: **412**

FSA Number: 412

Location: Dinwiddie

Field Name: **DWATC 6**

Total Acres: 6.50 Usable Acres: 6.50

FSA Number: 4

Tract: 412

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
4	2C	Appling
96	4B	Cecil

Field Warnings:

Field Name: DWATC 7

Total Acres: 10.60 Usable Acres: 10.60

FSA Number: 1, 3, 5

Tract: 412

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
12	4B	Cecil
88	2B	Appling

Field Warnings:

Tract Name: 481

FSA Number: 481

Location: Dinwiddie

Field Name: DWATC 10

Total Acres: 10.20 Usable Acres: 10.20

FSA Number: 2

Tract: 481

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
100	4B Cecil	

Field Warnings:

Field Name: DWATC 11

Total Acres: 7.30 Usable Acres: 7.30

FSA Number: 3, 4

Tract: 481

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
86	4B	Cecil
14	4C	Cecil

Field Warnings:

Tract Name: 618
FSA Number: 618
Location: Dinwiddie

Field Name: DWATC 1
Total Acres: 13.10 **Usable Acres:** 13.10
FSA Number: 1
Tract: 618
Location: Dinwiddie
Slope Class: B **Hydrologic Group:** B

Riparian buffer width: 0 ft
 Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
13	9B	Helena
83	10B	Herndon
4	16A	Roanoke

Field Warnings:

Tract Name: 832
FSA Number: 832
Location: Dinwiddie

Field Name: DWATC 12
Total Acres: 21.30 **Usable Acres:** 21.30
FSA Number: 4, 5
Tract: 832
Location: Dinwiddie
Slope Class: B **Hydrologic Group:** B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
46	4C	Cecil
50	4B	Cecil
4	16A	Roanoke

Field Warnings:

Tract Name: 2371
FSA Number: 2371
Location: Dinwiddie

Field Name: DWATC 9
Total Acres: 3.80 **Usable Acres:** 3.80
FSA Number: 2

Tract: 2371
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
83	4B	Cecil
17	4C	Cecil

Field Warnings:

Tract Name: 5223
FSA Number: 5223
Location: Dinwiddie

Field Name: DWATC 4

Total Acres: 10.70 Usable Acres: 10.70
FSA Number: 1, 2
Tract: 5223
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
27	8B	Georgeville
38	10B	Herndon
35	10C	Herndon

Field Warnings:

Field Name: DWATC 5

Total Acres: 1.70 Usable Acres: 1.70

FSA Number: 3

Tract: 5223

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

PERCENT	SYMBOL	SOIL SERIES
45	10C	Herndon
55	8B	Georgeville

Field Warnings:**Tract Name: 5224**

FSA Number: 5224

Location: Dinwiddie

Field Name: DWATC 2

Total Acres: 5.40 Usable Acres: 5.40

FSA Number: 3

Tract: 5224

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
8	9B	Helena
84	10B	Herndon

8 10C Herndon

Field Warnings:

Field Name: DWATC 3

Total Acres: 2.00 Usable Acres: 2.00

FSA Number: 1

Tract: 5224

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
[NO TEST]				

Soils:

PERCENT	SYMBOL	SOIL SERIES
73	10B	Herndon
27	9B	Helena

Field Warnings:

Tract Name: NONE

FSA Number: NONE

Location: Dinwiddie

Field Name: DWATC 8

Total Acres: 13.10 Usable Acres: 13.10

FSA Number: NONE
Tract: NONE
Location: Dinwiddie
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
	[NO TEST]			

Soils:

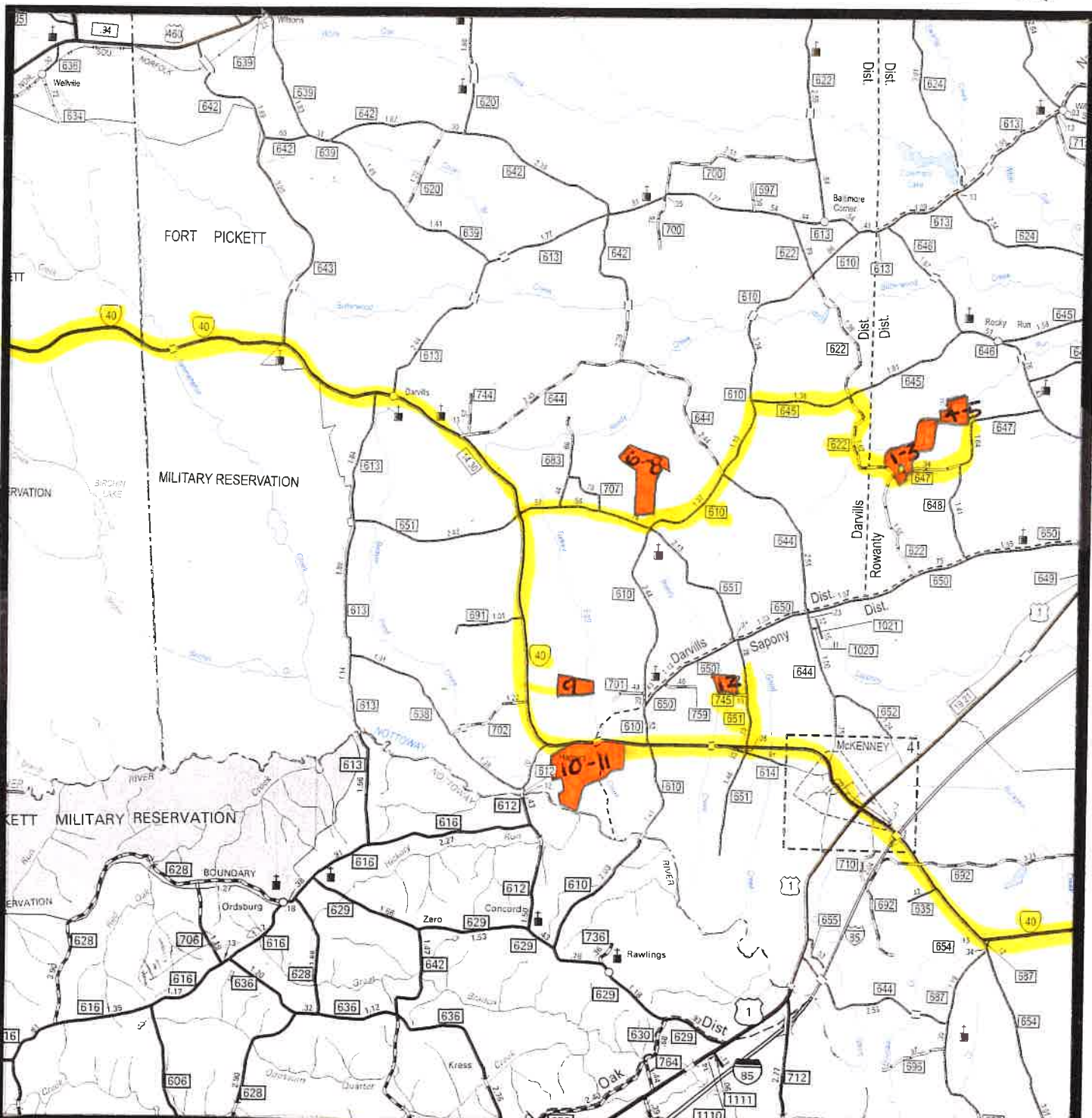
PERCENT	SYMBOL	SOIL SERIES
43	2B	Appling
2	2C	Appling
56	4B	Cecil

Field Warnings:

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2 miles

DWATC 1-12

VICINITY MAP

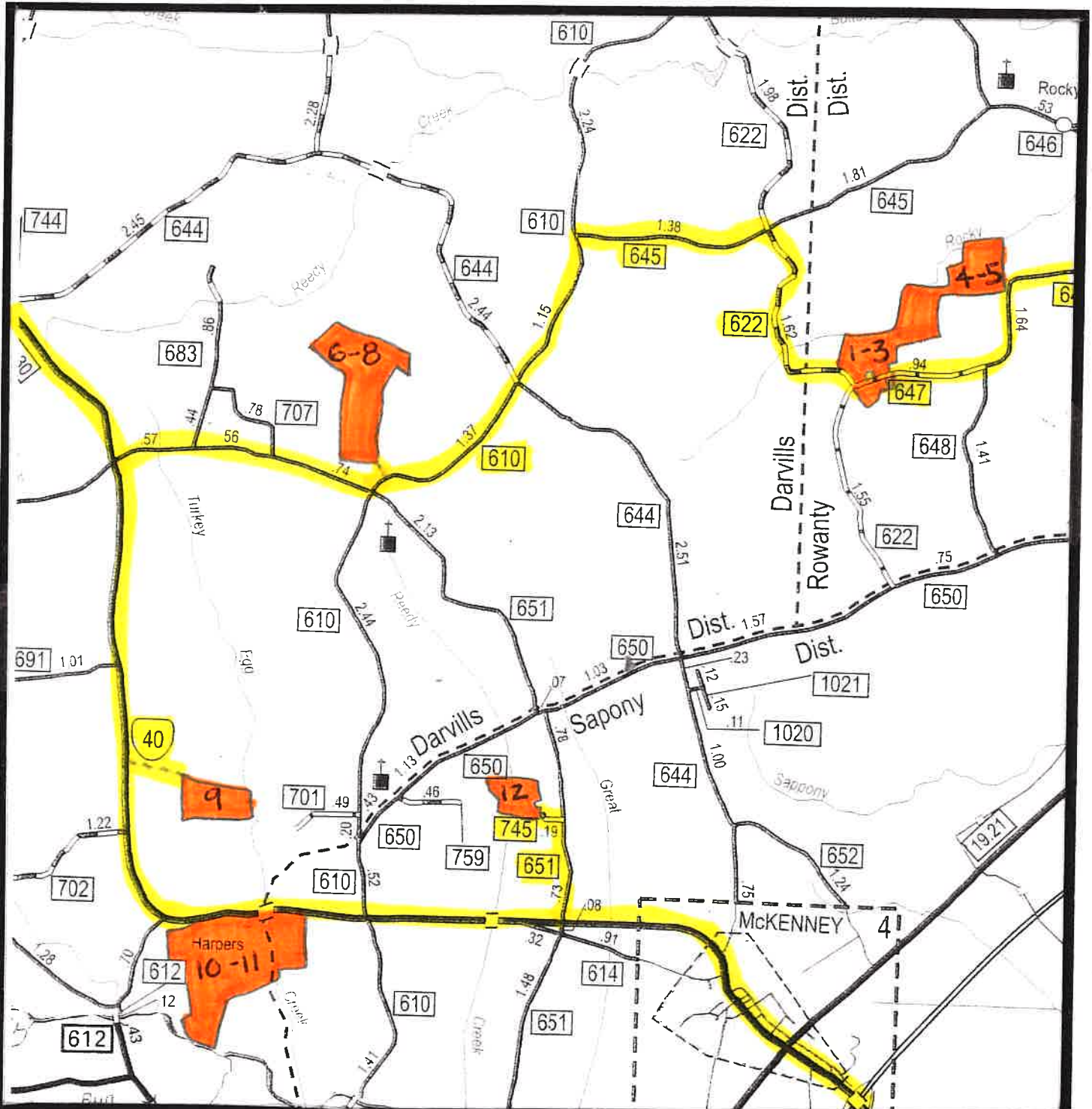
Truck Route marked
in Yellow

9-15-20



Recyc SystemsTM Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

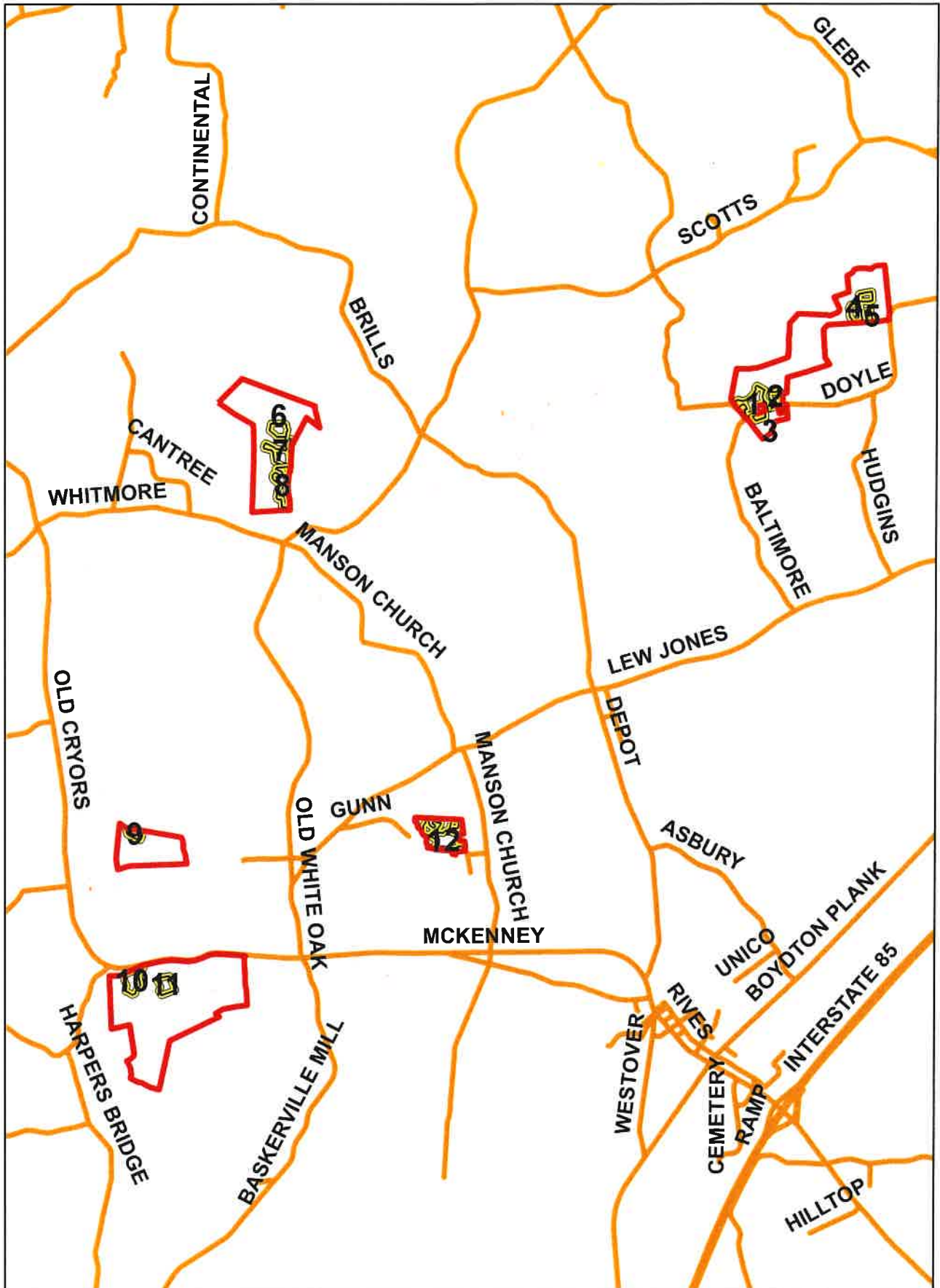
DWATC 1-12

Truck Route marked
in Yellow

9-15-20

VICINITY MAP





9-15-20

Vicinity Map

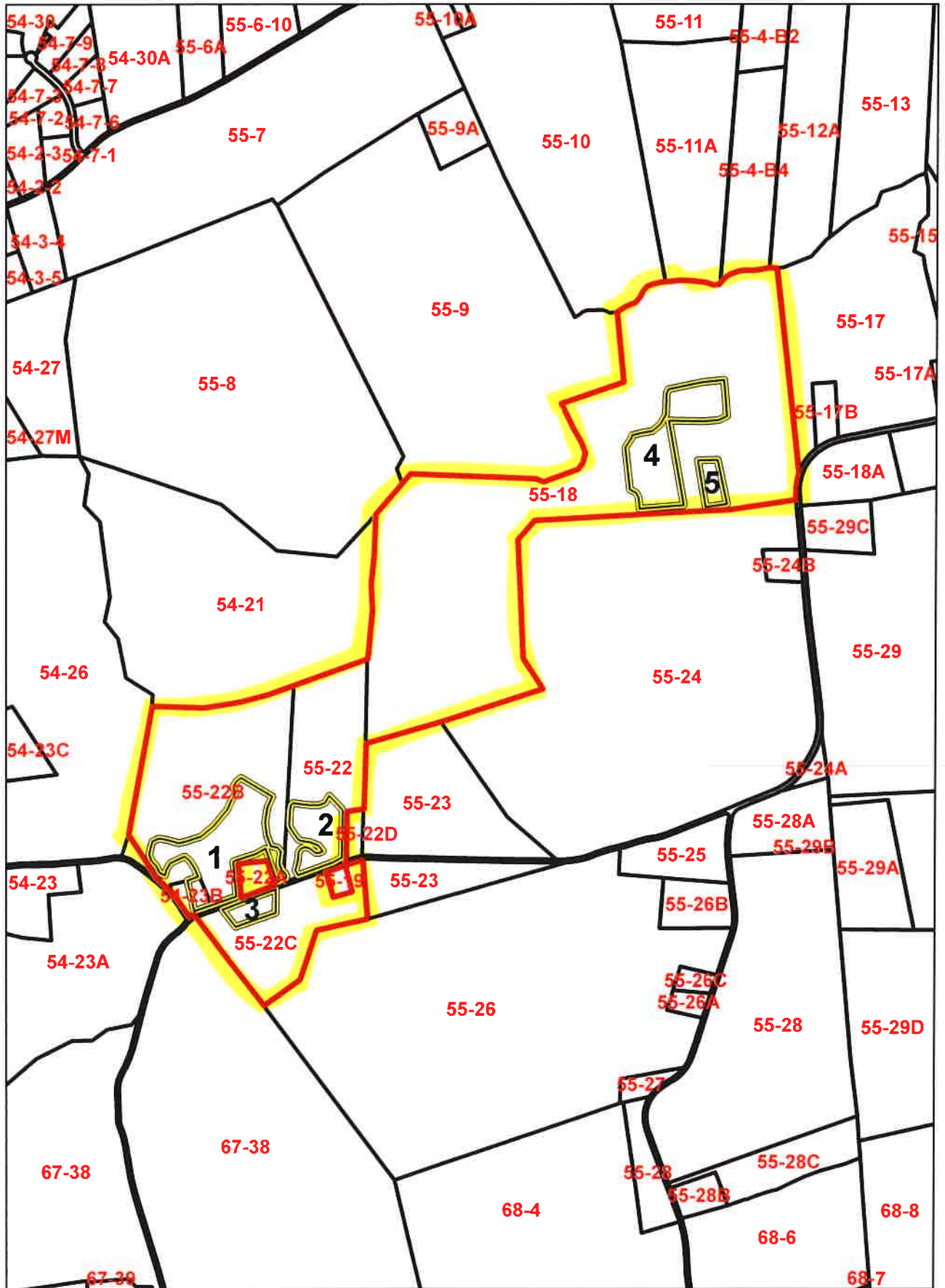
1 in = 1 miles



Recyc Systems
Inc.

Annsville Timber Company

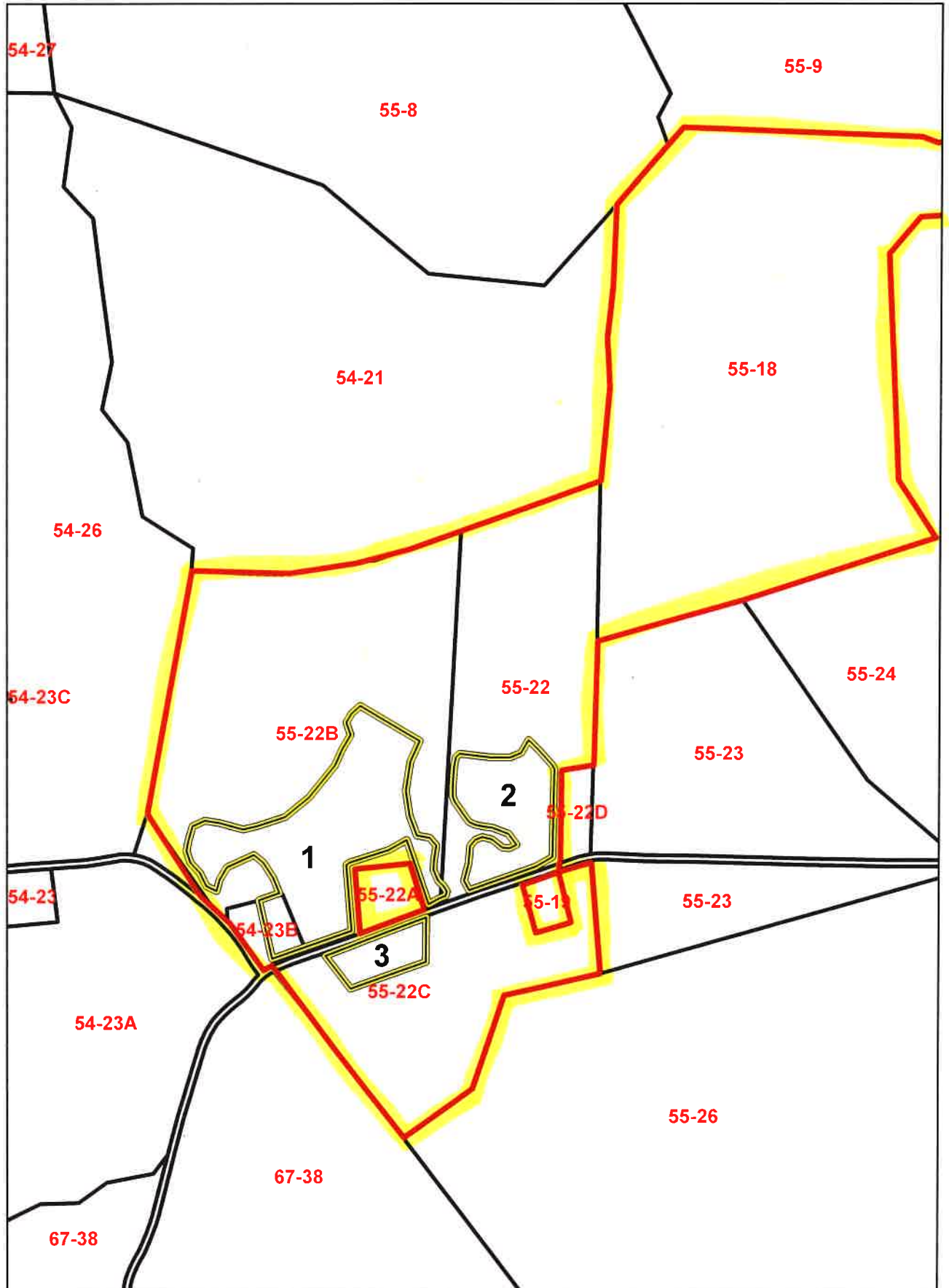
DWATC



9-15-20

Tax Map

1 in = 1,250 feet



9-15-20

Tax Map

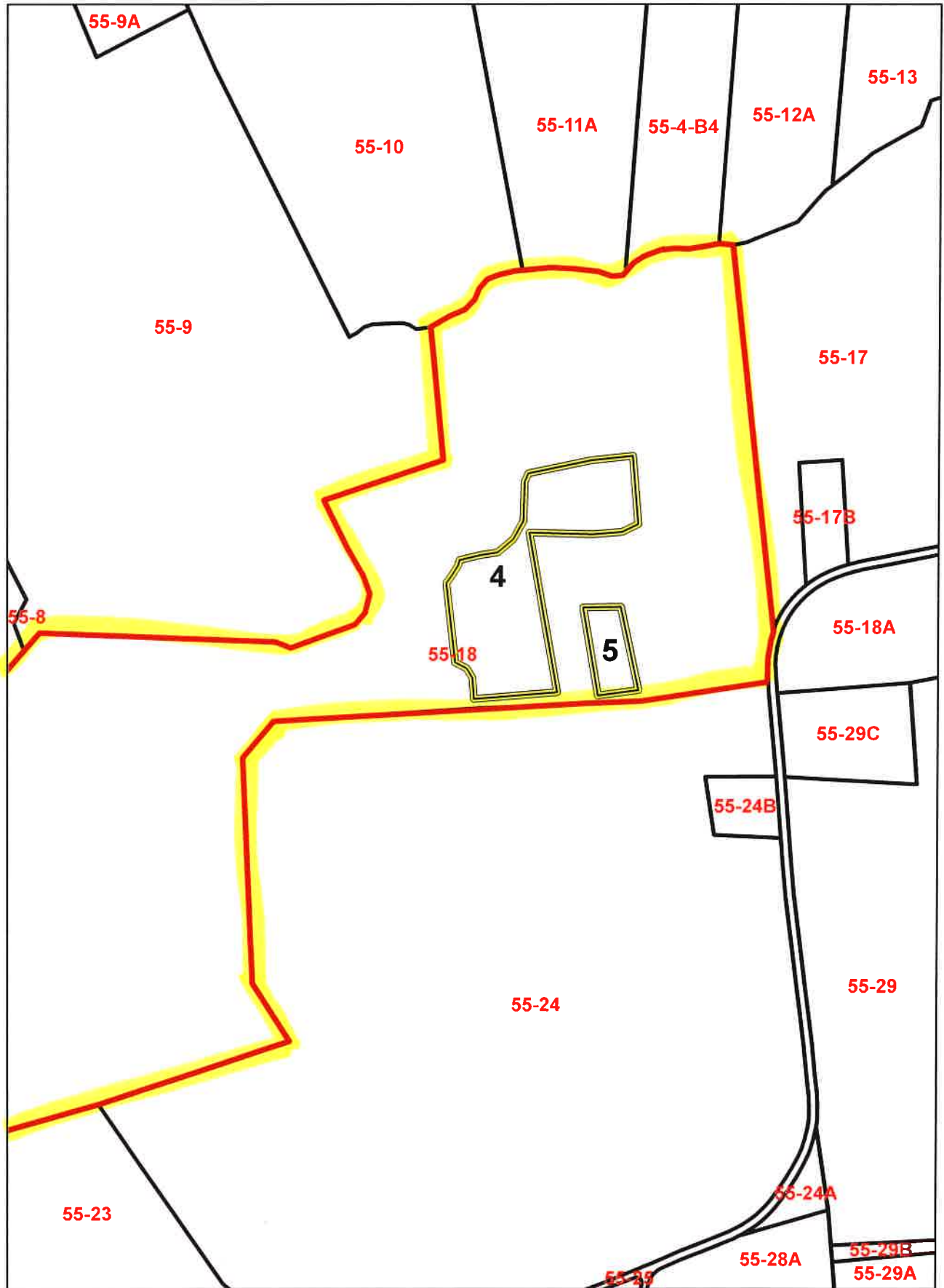
1 in = 660 feet



Recyc Systems
Inc.

Annsville Timber Company

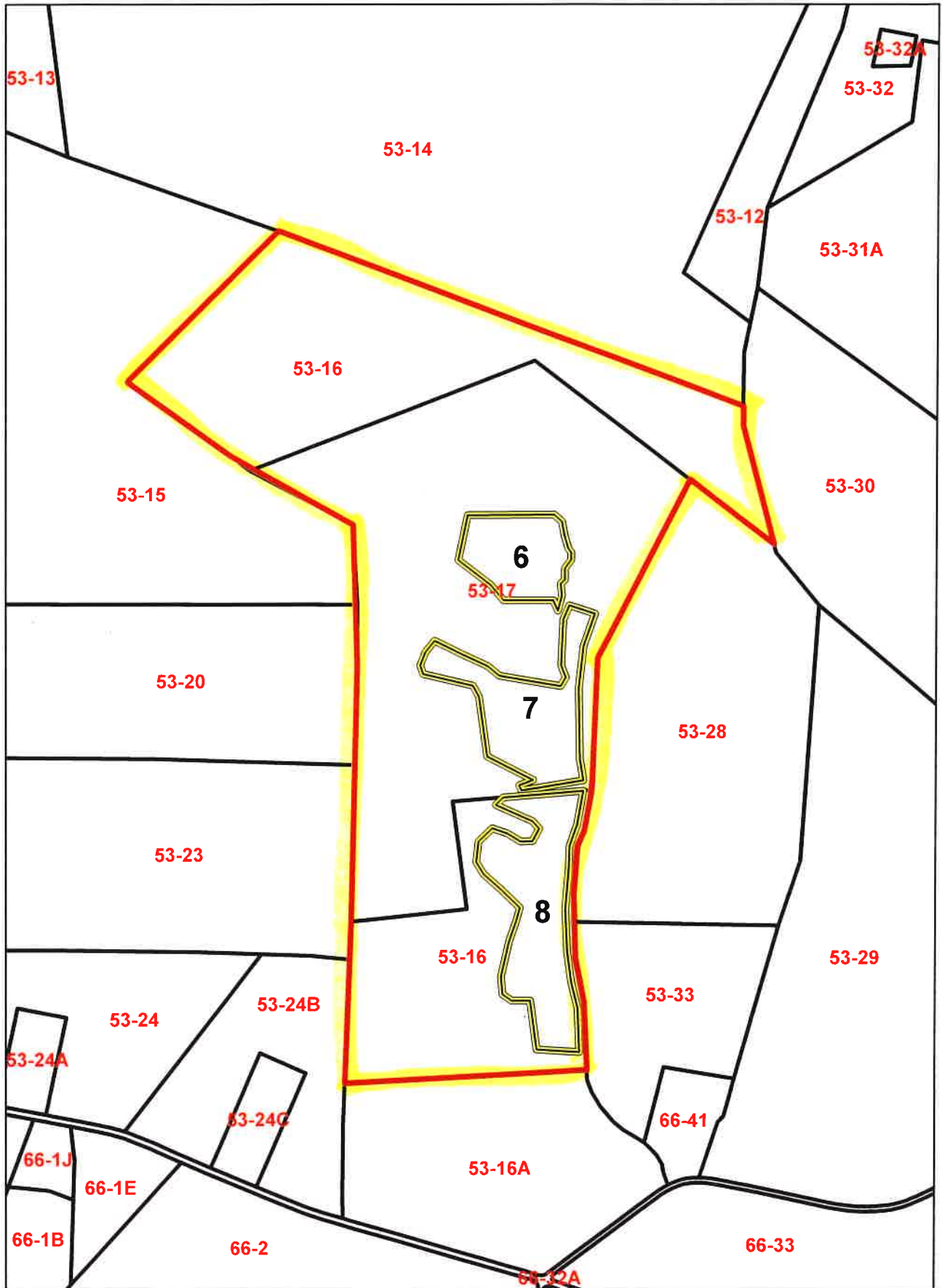
DWATC



9-15-20

Tax Map

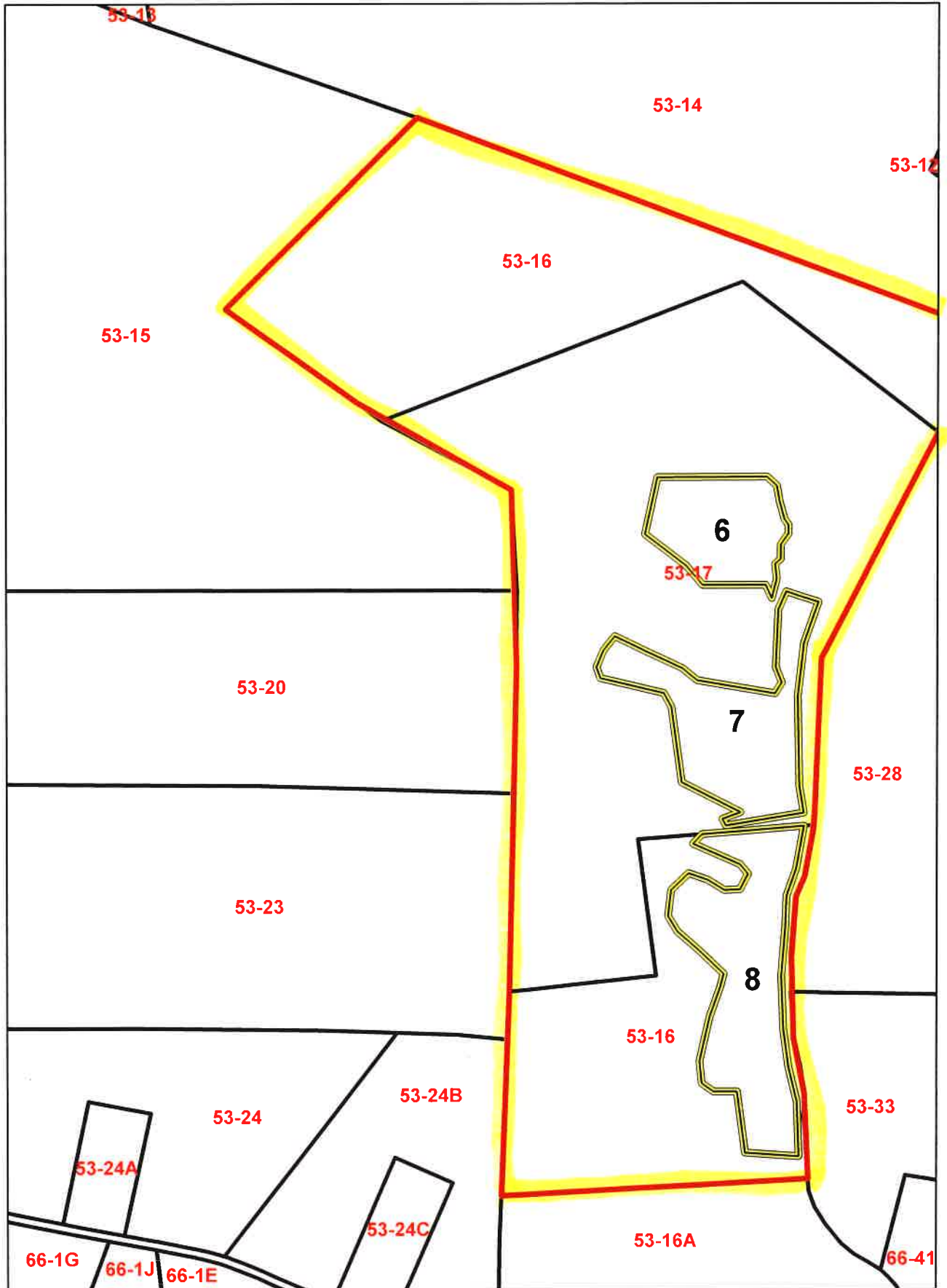
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9-15-20

Tax Map

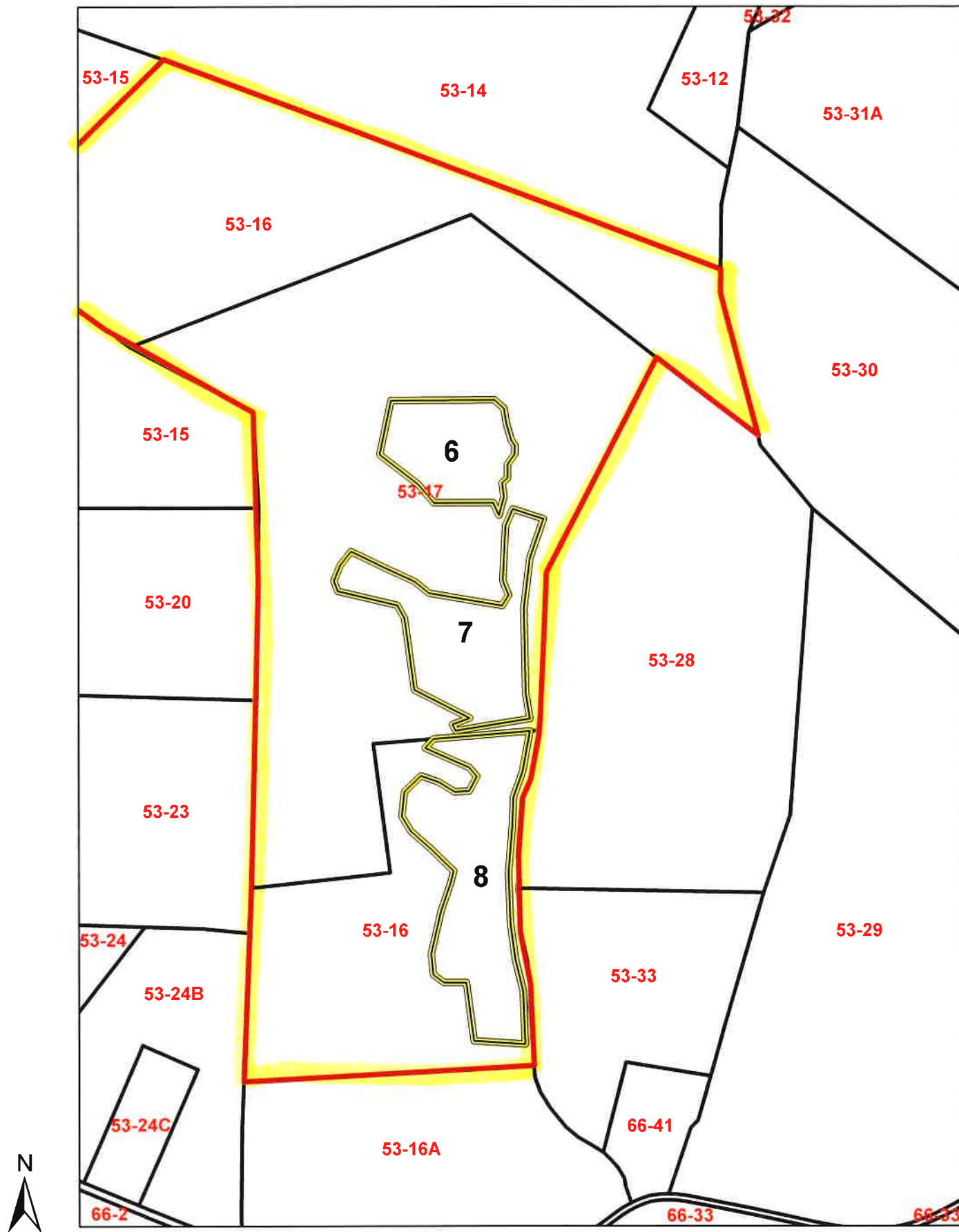
1 in = 833 feet



9-15-20

Tax Map

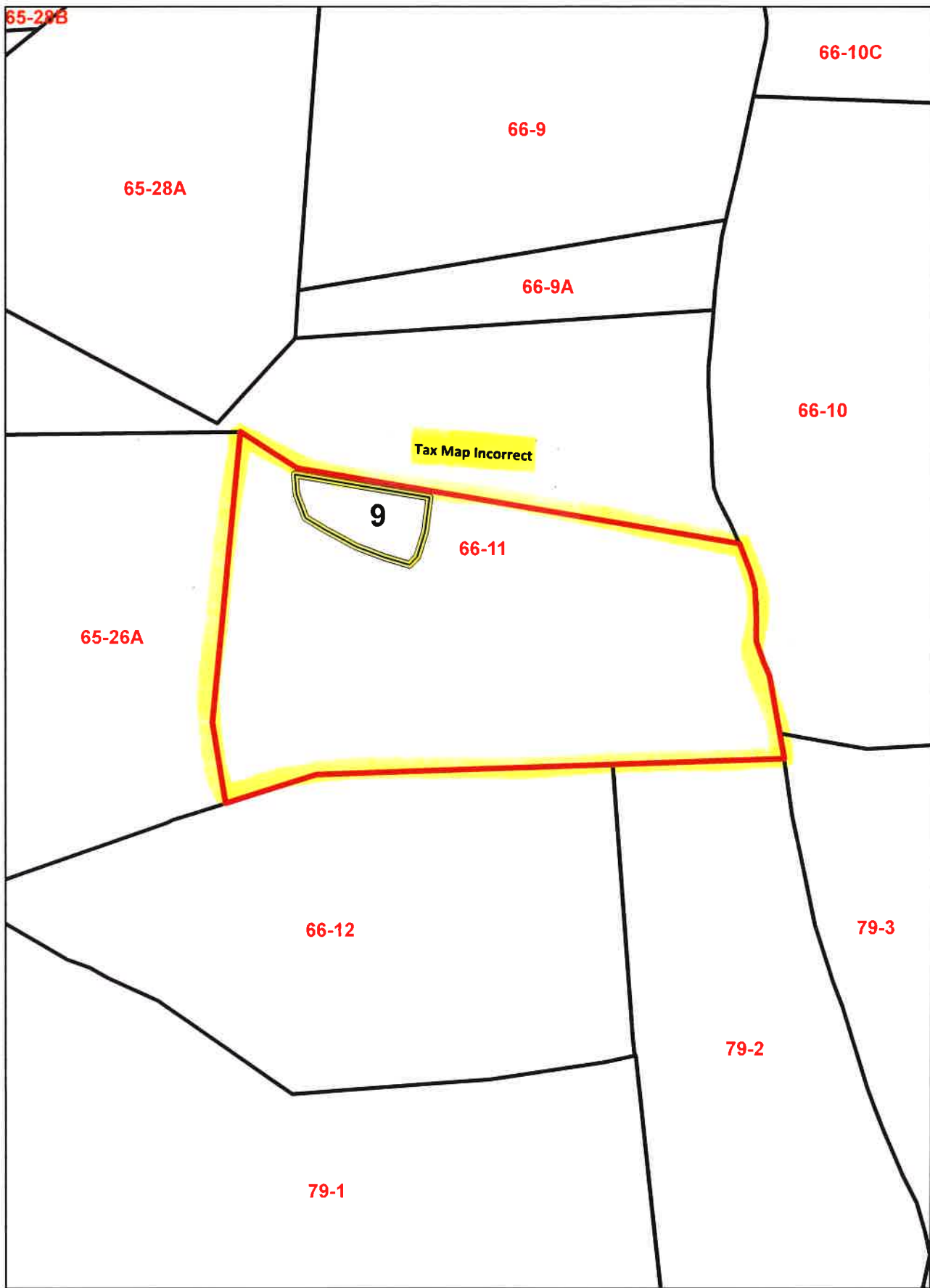
1 in = 660 feet



9-15-20

Tax Map

1 in = 660 feet



9-15-20

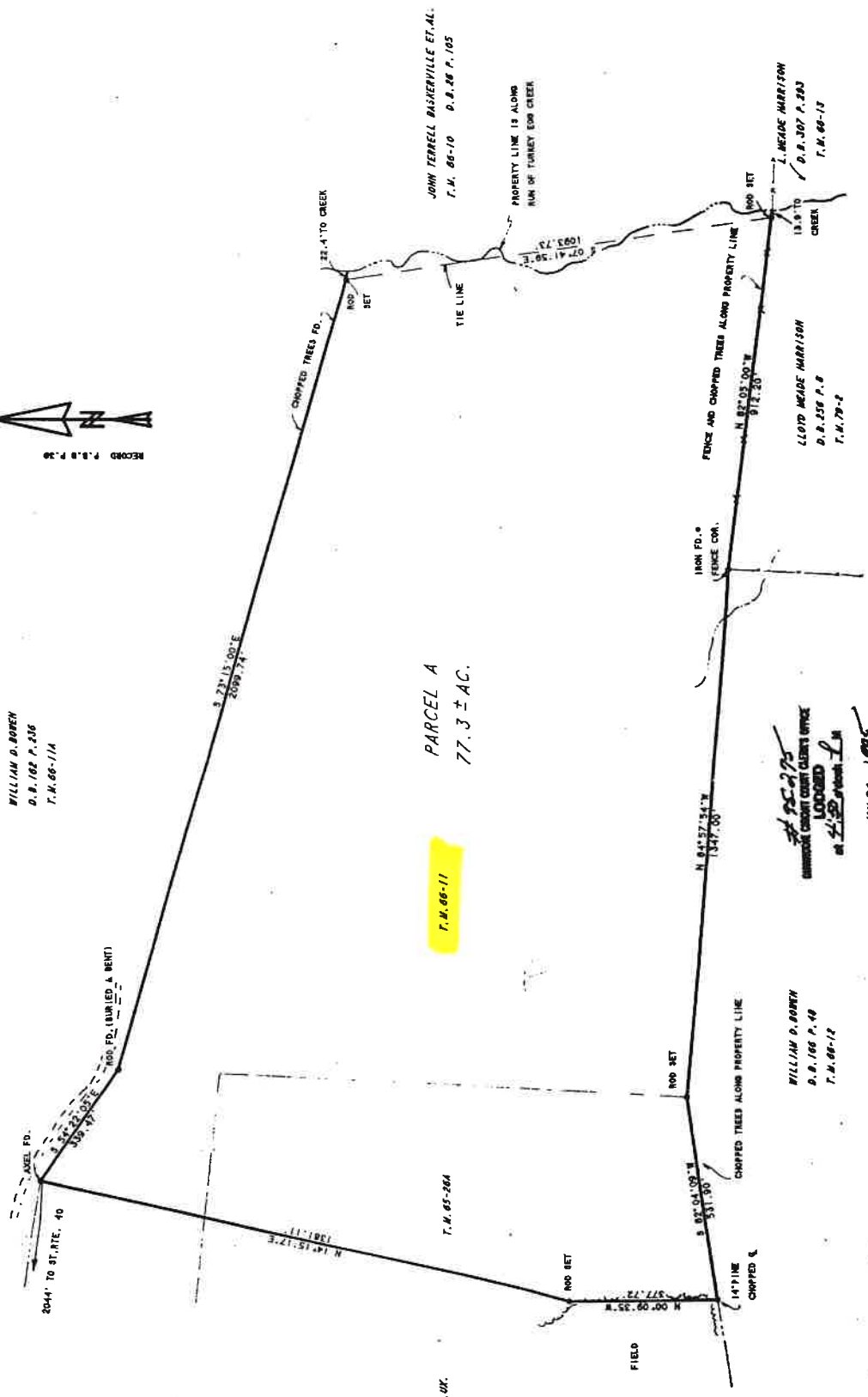
Tax Map

1 in = 660 feet

FD 15 PG 212



WILLIAM D. BORN
D.B. 102 P. 256
T.M. 66-11A



PARCEL A
77.3 ± AC.

T.M. 66-11

WILLIAM CARROLL BISHOP ET. UX.
D.B. 111 P. 277
D.B. 144 P. 308
P. 6.8 P. 39
D.B. 285 P. 78

WILLIAM D. BORN
D.B. 102 P. 40
T.M. 66-12

#950275
DINWIDDIE COUNTY CLERK'S OFFICE
LOCATED
at 4150 Peach Lane
JAN 31, 1995

and with Certificate attached
by William D. Born
D.B. 364 P. 254

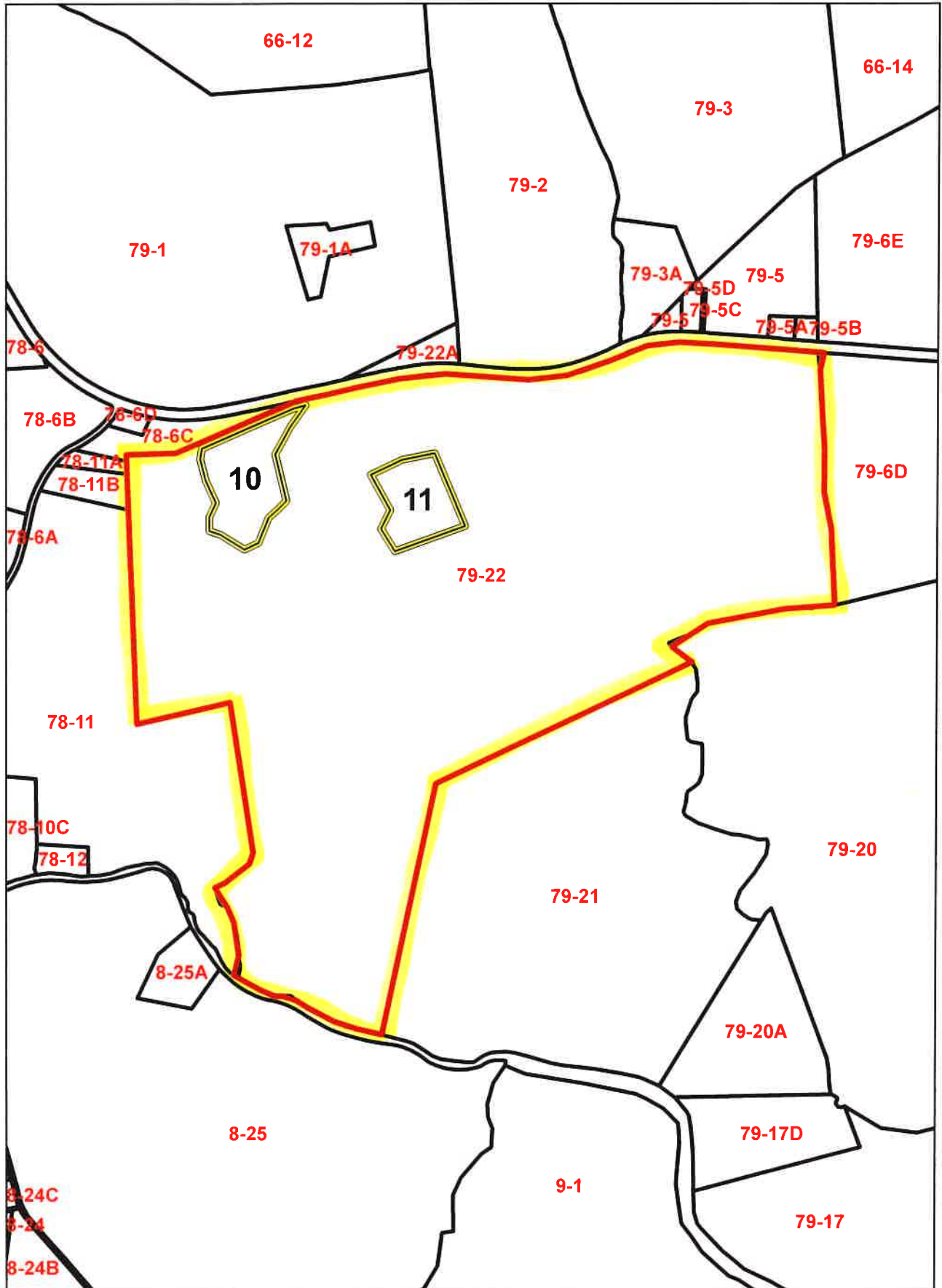


"This plat [approved] by the
Board of Supervisors, Dinwiddie
County, Virginia on CHAL. 23, 1995.
Witnessed by Wm. D. Born Zoning/Subdivision Agent."

SURVEY OF
PARCEL A CONTAINING 77.3 ± AC. OF LAND STANDING IN THE
NAMES OF WILLIAM C. BISHOP AND BETTY O. BISHOP TO BE
CONVEYED TO LLOYD MEADE HARRISON
DARVILLS DISTRICT, DINWIDDIE COUNTY, VIRGINIA
SCALE: 1"=200'
DATE: JAN. 10, 1995
95002

PETERSON SURVEYS, INC.
MCLENNET, VIRGINIA
(804) 478-1343

*Supplemental
Plat *
66-11

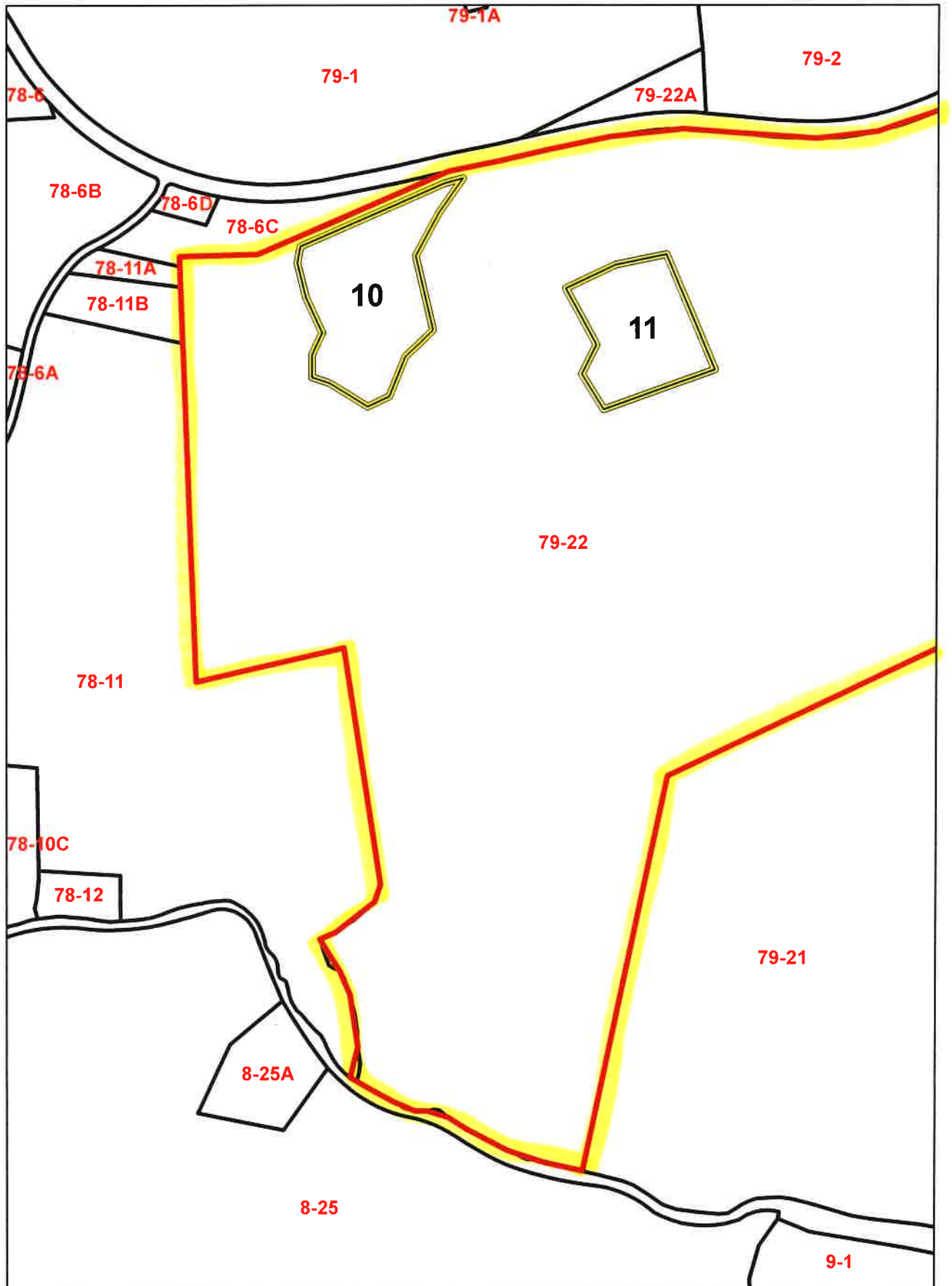




Recyc Systems
Inc.

Annsville Timber Company

DWATC



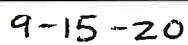
9-15-20

Tax Map

1 in = 660 feet



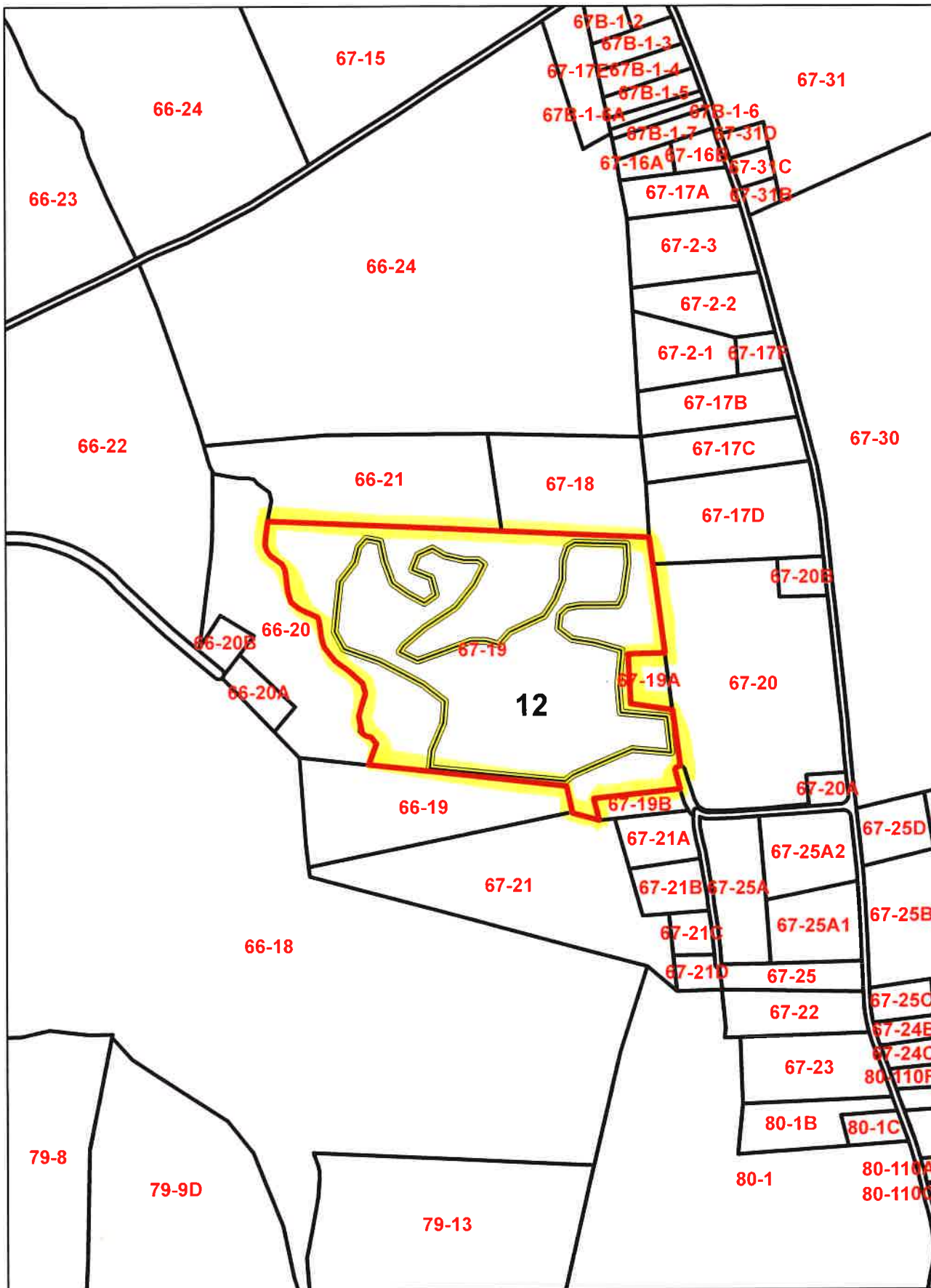
DWATC



Tax Map

1 in = 660 feet





9-15-20

Tax Map

1 in = 660 feet

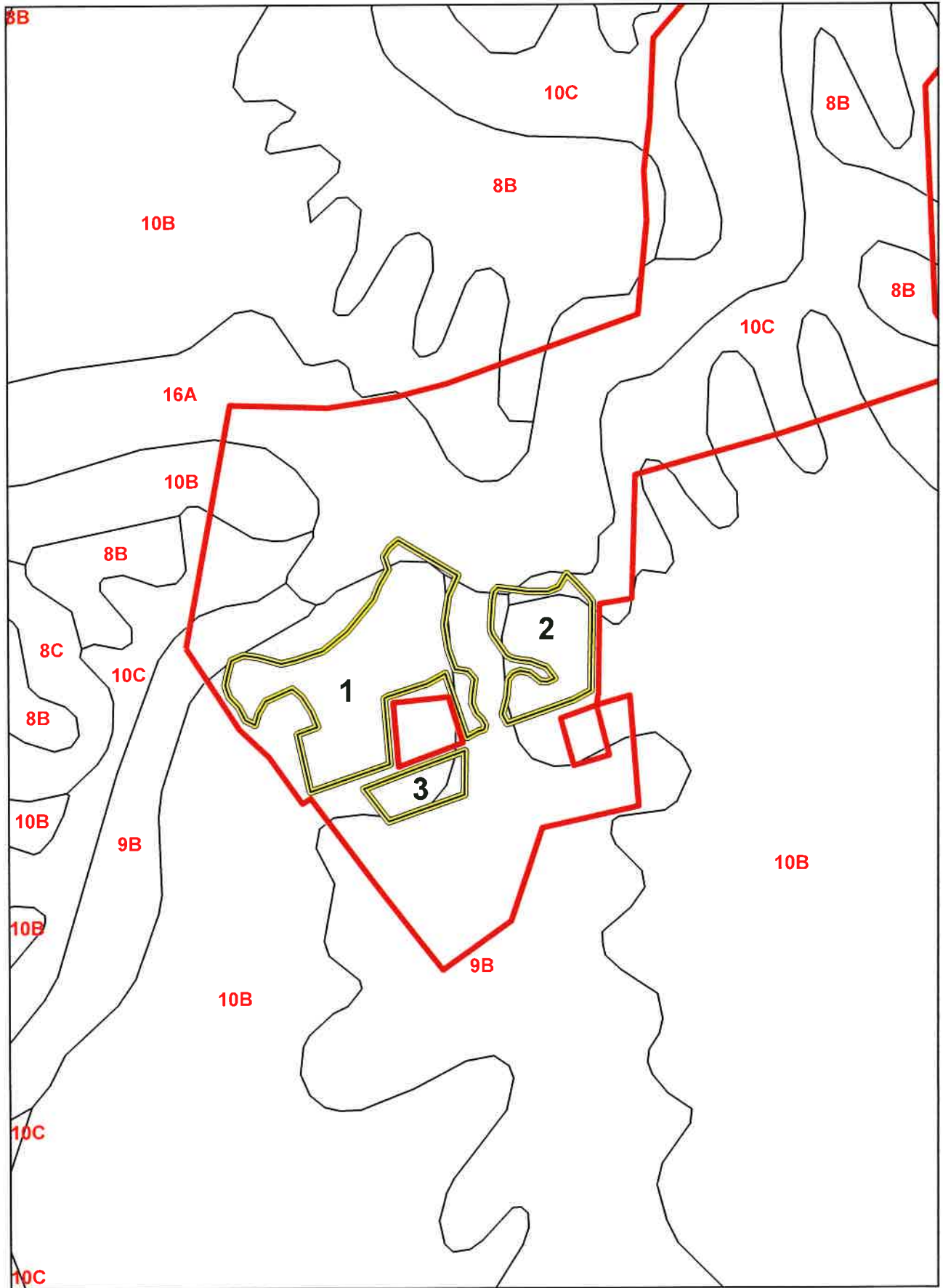
ADJOINING LANDOWNERS

ANNSVILLE TIMBER COMPANY

DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
53	14	N B Ingram III
	15	Phyllis Gauldin
	16A	Lennie L. Elder Jr. & Aubrey P. Elder
	20	Dolores R. Cliborne
	23	Joseph M. and Angela M. Orrell
	24B	Garland Spencer Cliborne III
	28	Lennie L. Elder Jr. & Aubrey P. Elder
	30	Jerry E. Schnepf Jr.
	33	Francis P. and Ellen E. Scott
54	21	Daniel and Deborah G. Moser
	23A	Tiaa Timberlands 1 LLC c/o Greenwood Resources Inc.
	26	David M. and Linda S. Cibula
55	8	Imphal Timber LLC c/o Timberland Investment Resources LLC
	9	MP2S2 LLC
	10	Merle L. Elder
	11A	Stonewall Timberlands LLC
	12A	Dennis L. Felter Life Estate
	17	Marc R. or Margaret L. Wagy
	18A	Gordon B. Winfield III
	19	Darrell H. and Bonnie M. Vaughan
	22A	Steven S. Vaughan
	22D	Shannon Lynne Clarke
	23	M. Conrad Temple
	24	The Della E. Tucker Revocable Trust; Charlotte E. Miller
	26	John Calvin Sr. and Frances Stewart Lingerfelt
55-4	B4	Larry Scott and Mary G. Wray

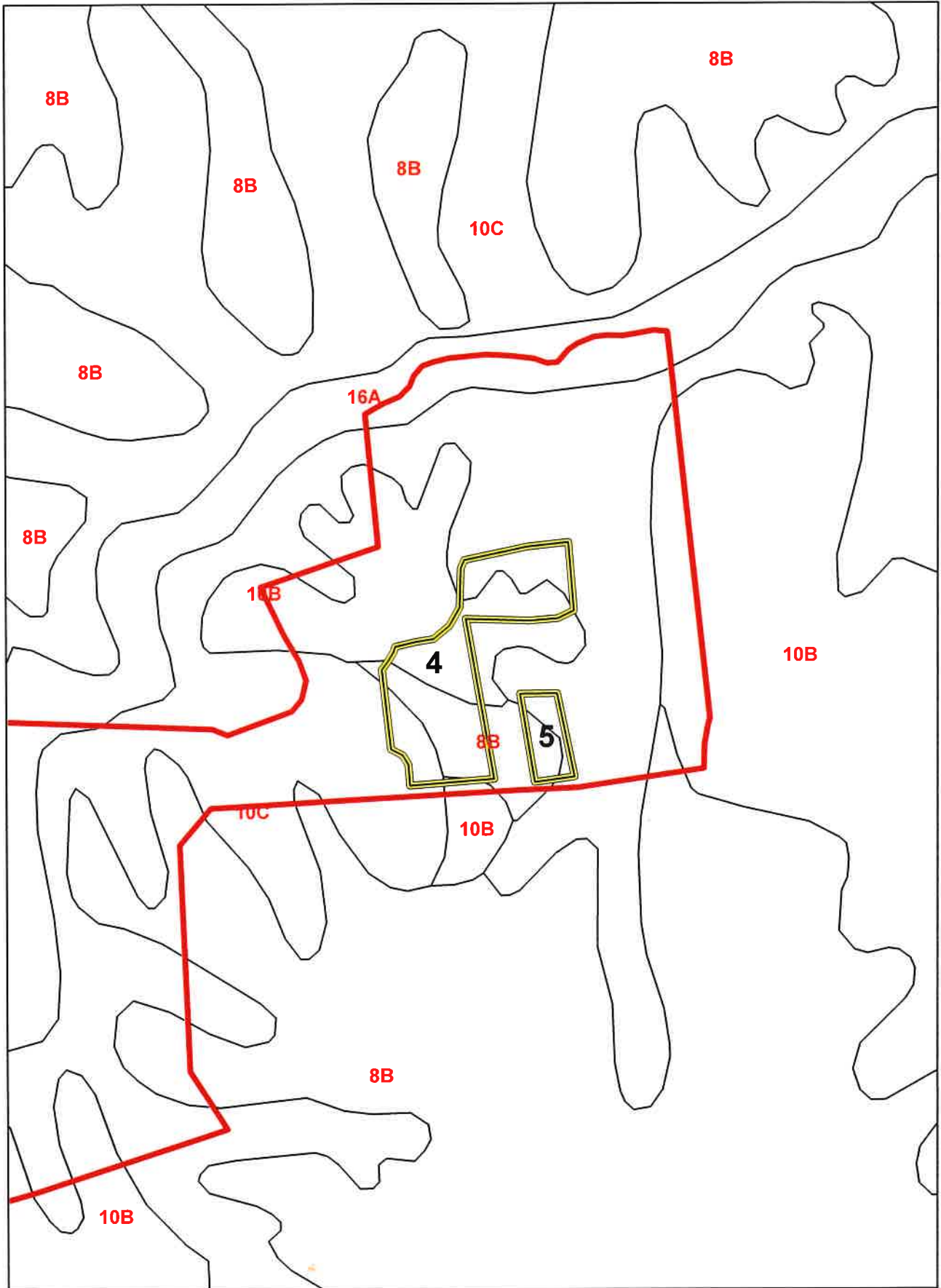
Tax Map	Parcel #	Owner Name(s)
65	26A	Glenda Sue Bishop Maitland
	28A	Loretta H. Bowen and Bonnie Bowen Harrison
66	9A	Bonnie Brown Harrison
	10	Edward E. Baskerville
	12	Lawrence C. and Christie B. Fleming
	19	G. L. Stewart c/o Herman Curtis
	20	Prince Jr. and Carolyn Nesbitt
	21	Gordon B. Winfield III
67	17D	William L. Peterson Jr. and Martha Peterson Burke
	18	Randy F. Pinkleton
	19A	Marvin L. Sr. and Patricia A. Gilliam
	19B	Larry J. or Aimee Dawn McCormick
	20	Herman A. Curtis
	21	John Fisher
	38	Tiaa Timberlands 1 LLC c/o Greenwood Resources Inc.
78	6C	Fred D. and Dorothy H. Rogers
	11	Gary R. Lewis
	11A	Robin R. Jones
	11B	Robin Lynn Rasnake
79	1	A. Talley Meade Jr. Family Trust; King B. Talley Trustee
	2	Lloyd Meade Harrison III and Marion Peebles Harrison
	3	Sunnyside Farm-McKenney LLC
	3A	William R. Bliss Jr.
	5	Geo T. & Ethel L. Johnson c/o Alice J. Hawkins
	5A	Alice Johnson Hawkins
	5B	Alice Johnson Hawkins
	5C	Ruth P. Coleman
	5D	Ruth P. Coleman
	6D	Channing F. IV & Roberton F. Baskerville
	6E	Annsville Timber Company LLC
	20	Edward E. Baskerville
	21	Lewis G. Tucker & Jane T. Wells & Tucker Bolling
	22A	A. Talley Meade Jr. Family Trust; King B. Talley Trustee



9-15-20
Frequently
Flooded

Soil Map

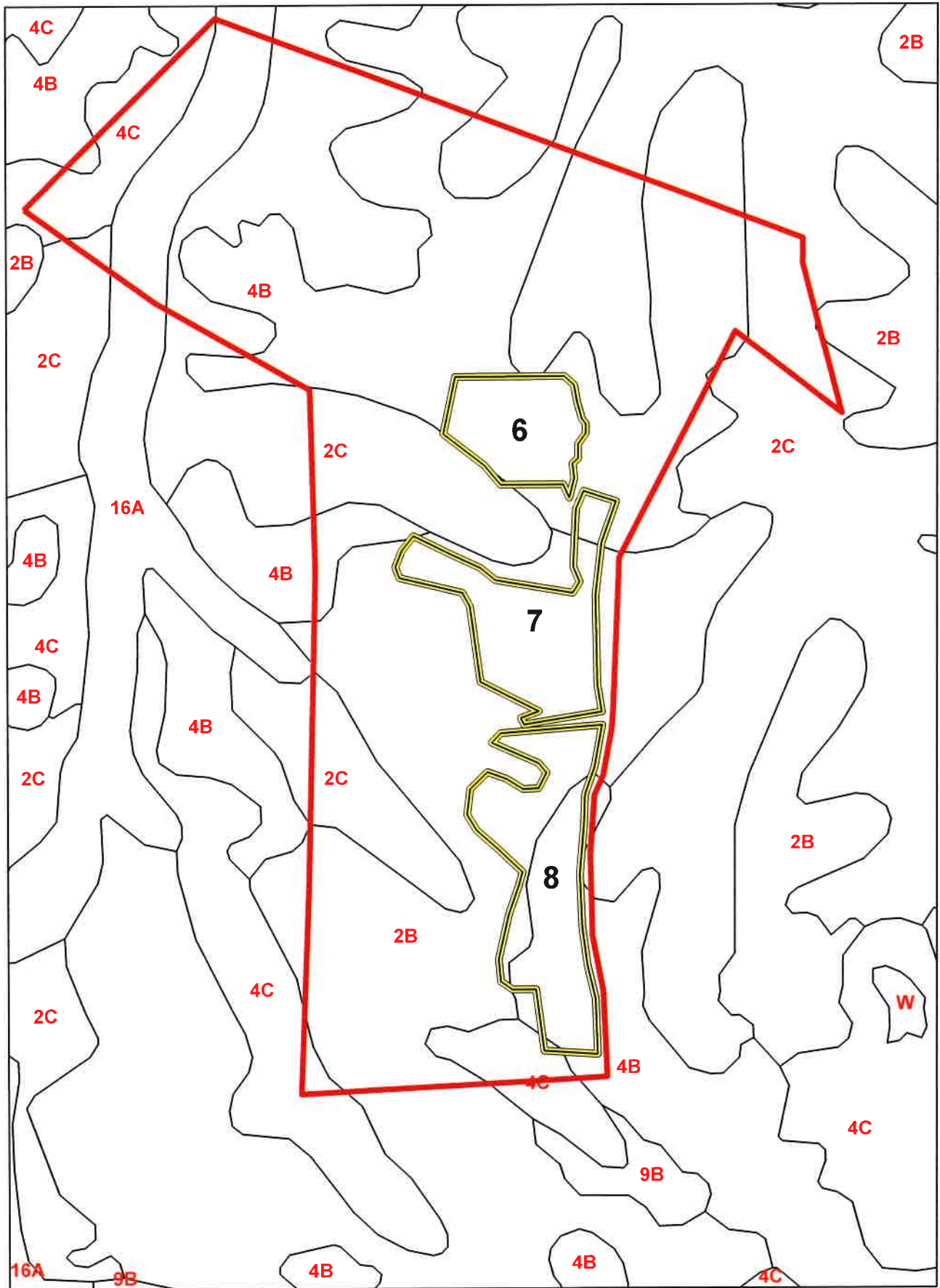
1 in = 660 feet



9-15-20
Frequently
Flooded

Soil Map

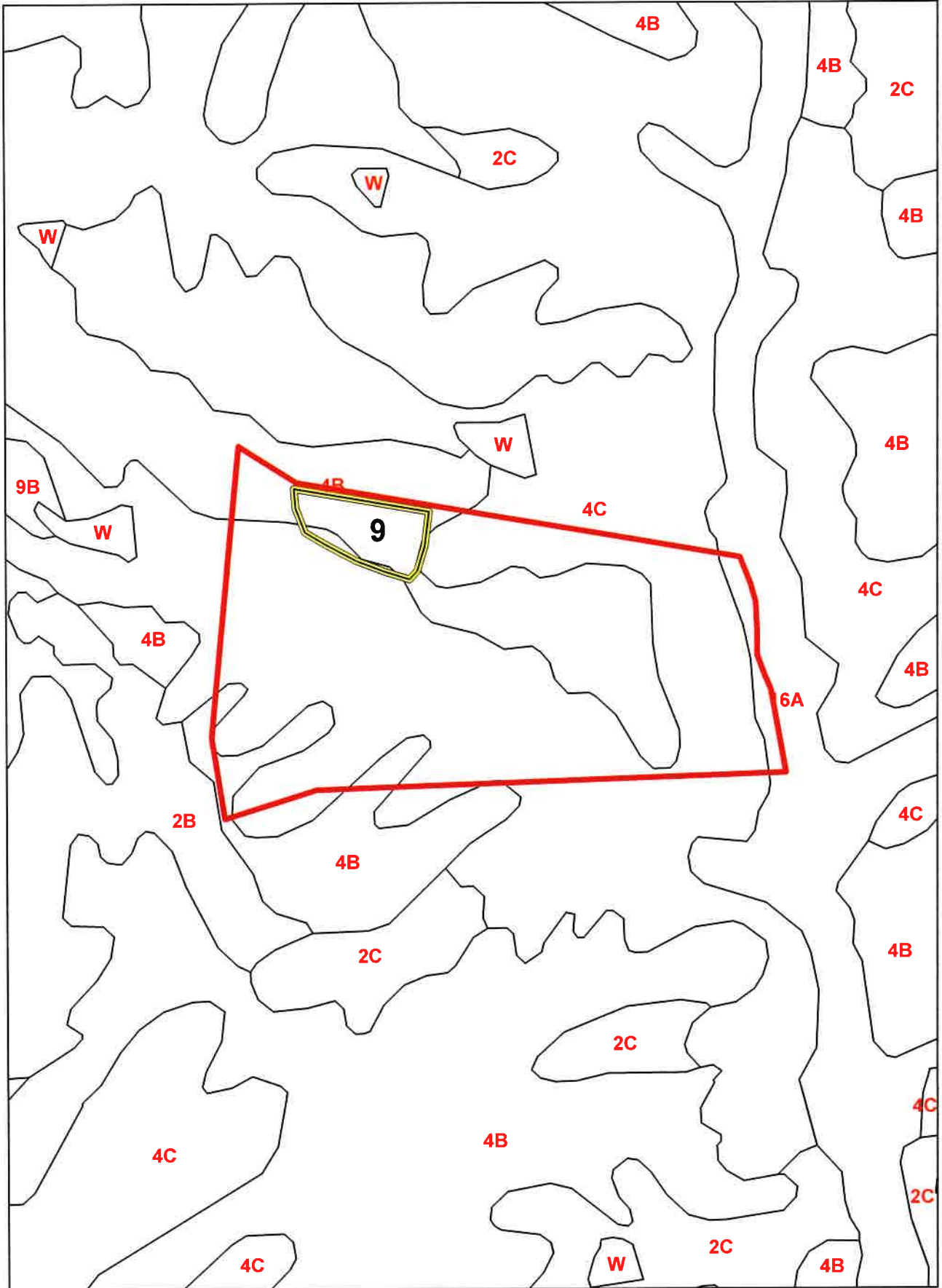
1 in = 660 feet



9-15-20
Frequently
Flooded

Soil Map

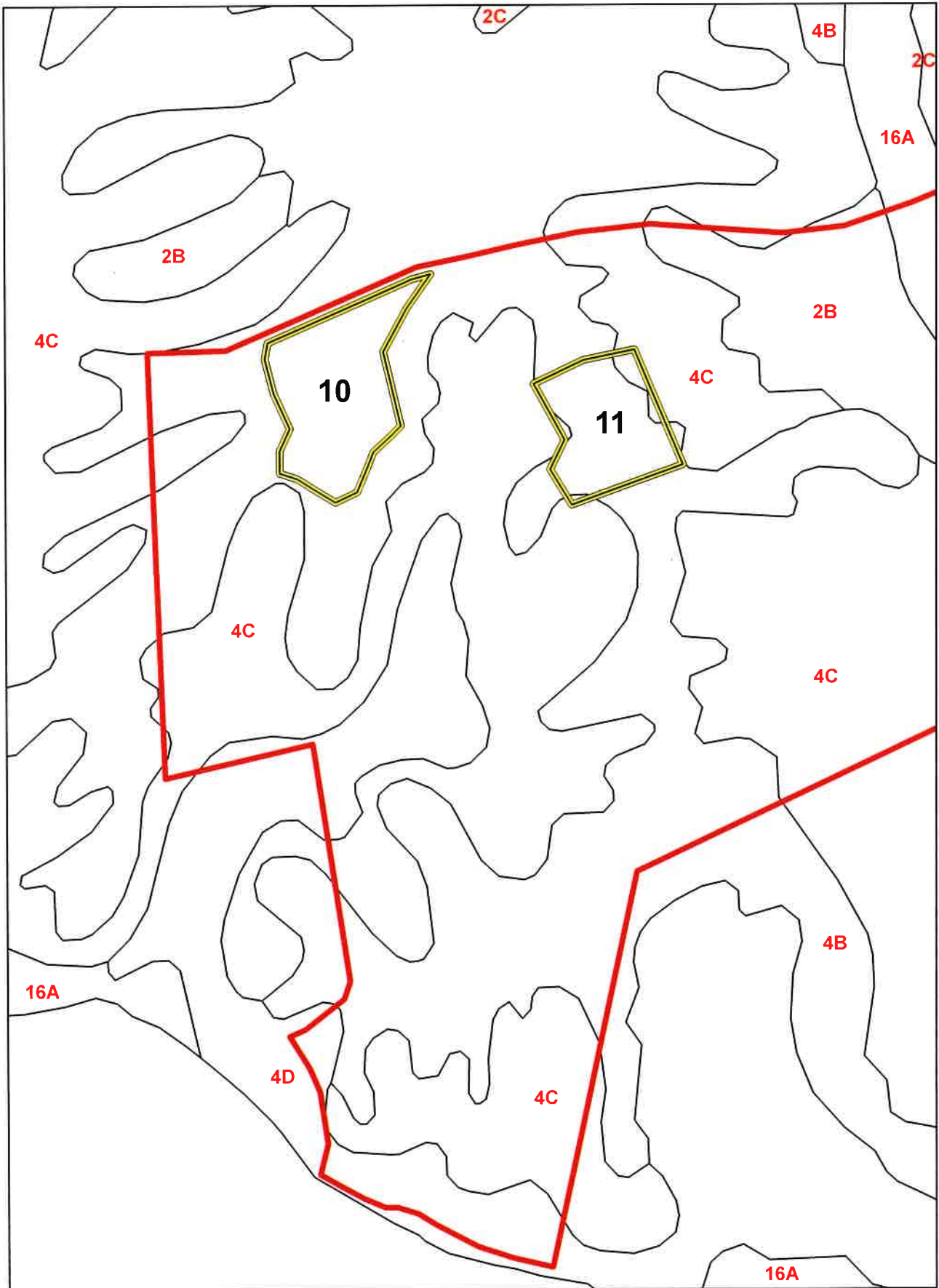
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9-15-20
Frequently
Flooded

Soil Map

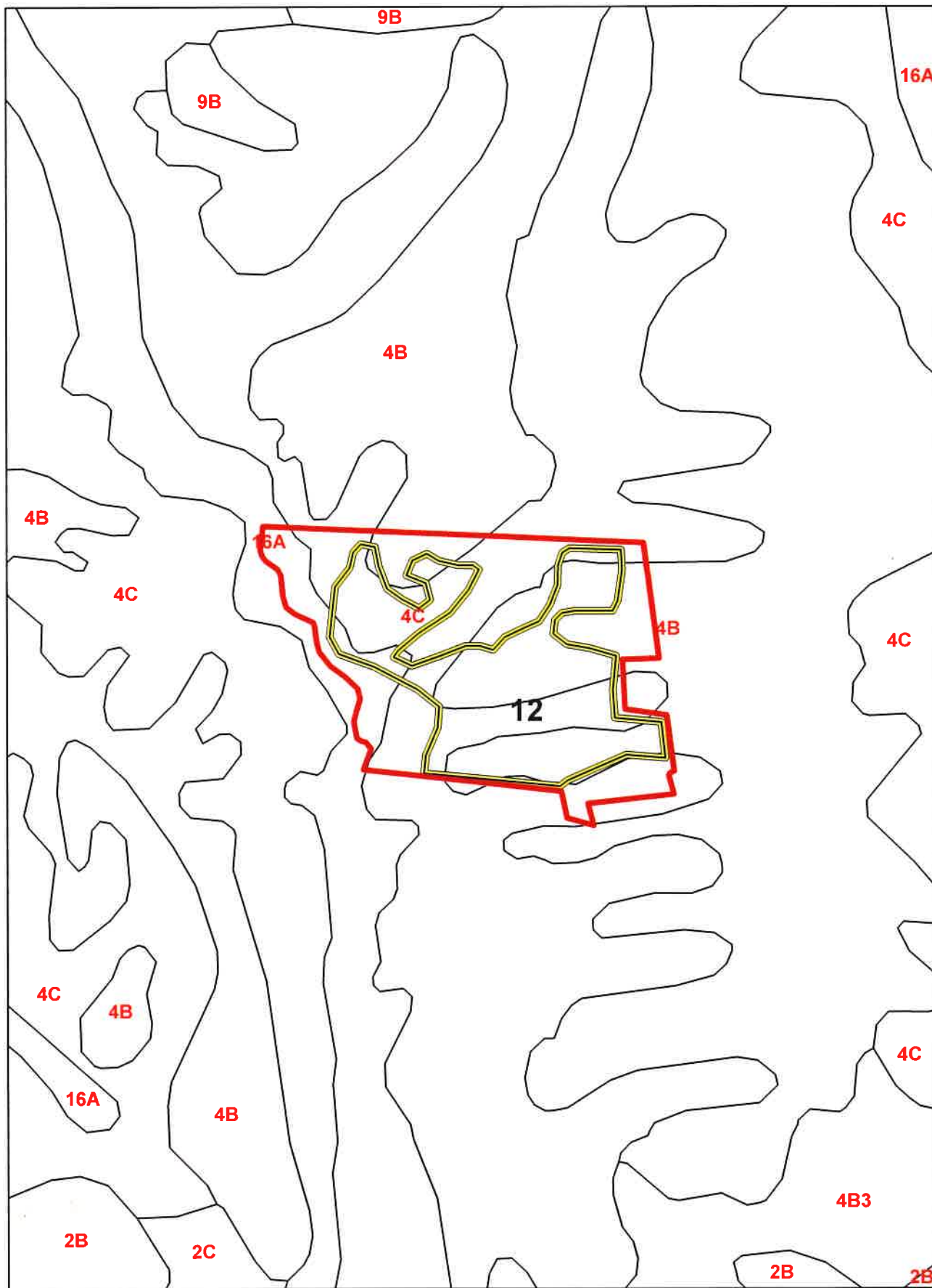
1 in = 660 feet



9-15-20
Frequently
Flooded

Soil Map

1 in = 660 feet



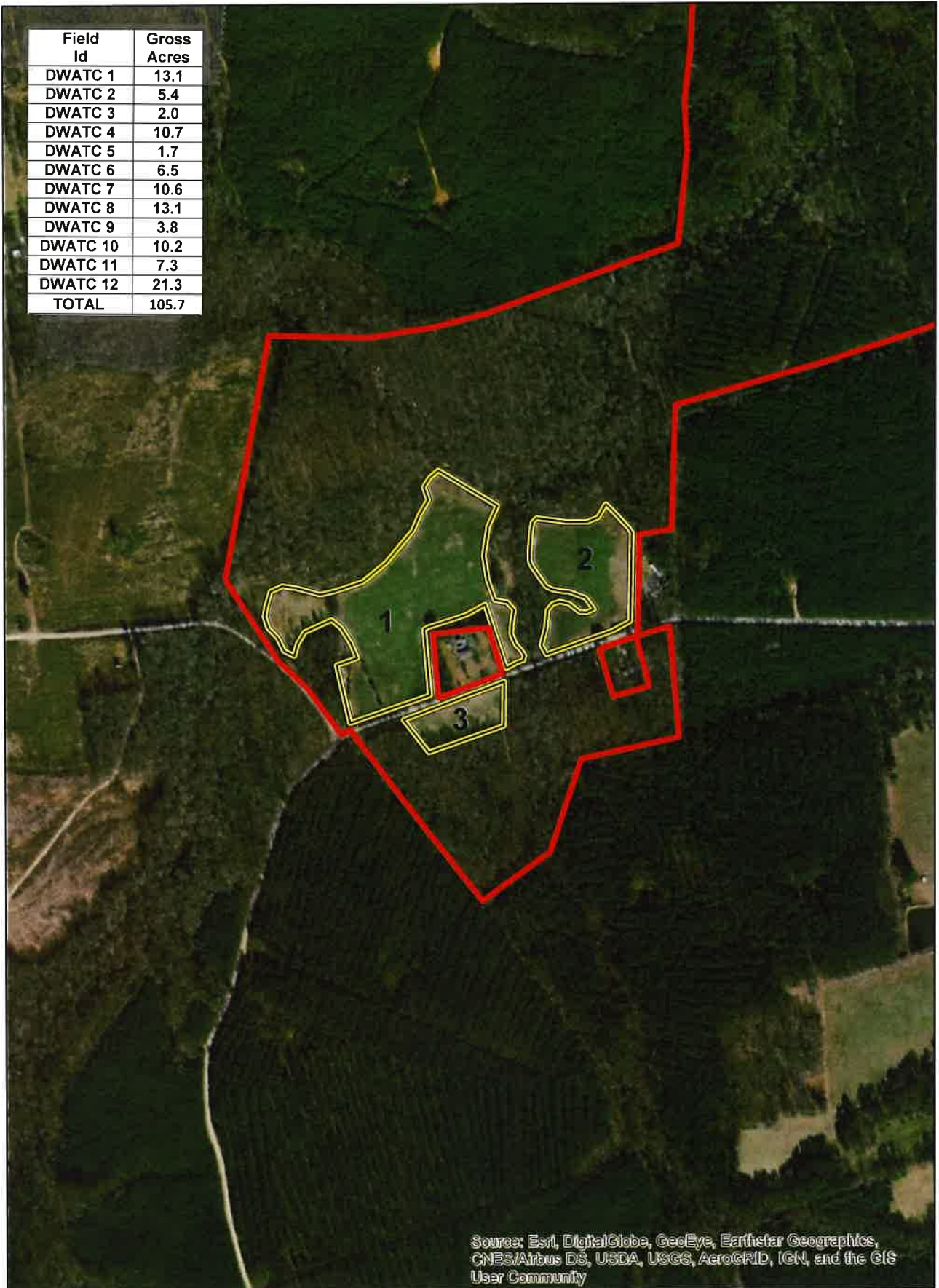
9-15-20
Frequently
Flooded

Soil Map

1 in = 660 feet



Field Id	Gross Acres
DWATC 1	13.1
DWATC 2	5.4
DWATC 3	2.0
DWATC 4	10.7
DWATC 5	1.7
DWATC 6	6.5
DWATC 7	10.6
DWATC 8	13.1
DWATC 9	3.8
DWATC 10	10.2
DWATC 11	7.3
DWATC 12	21.3
TOTAL	105.7



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



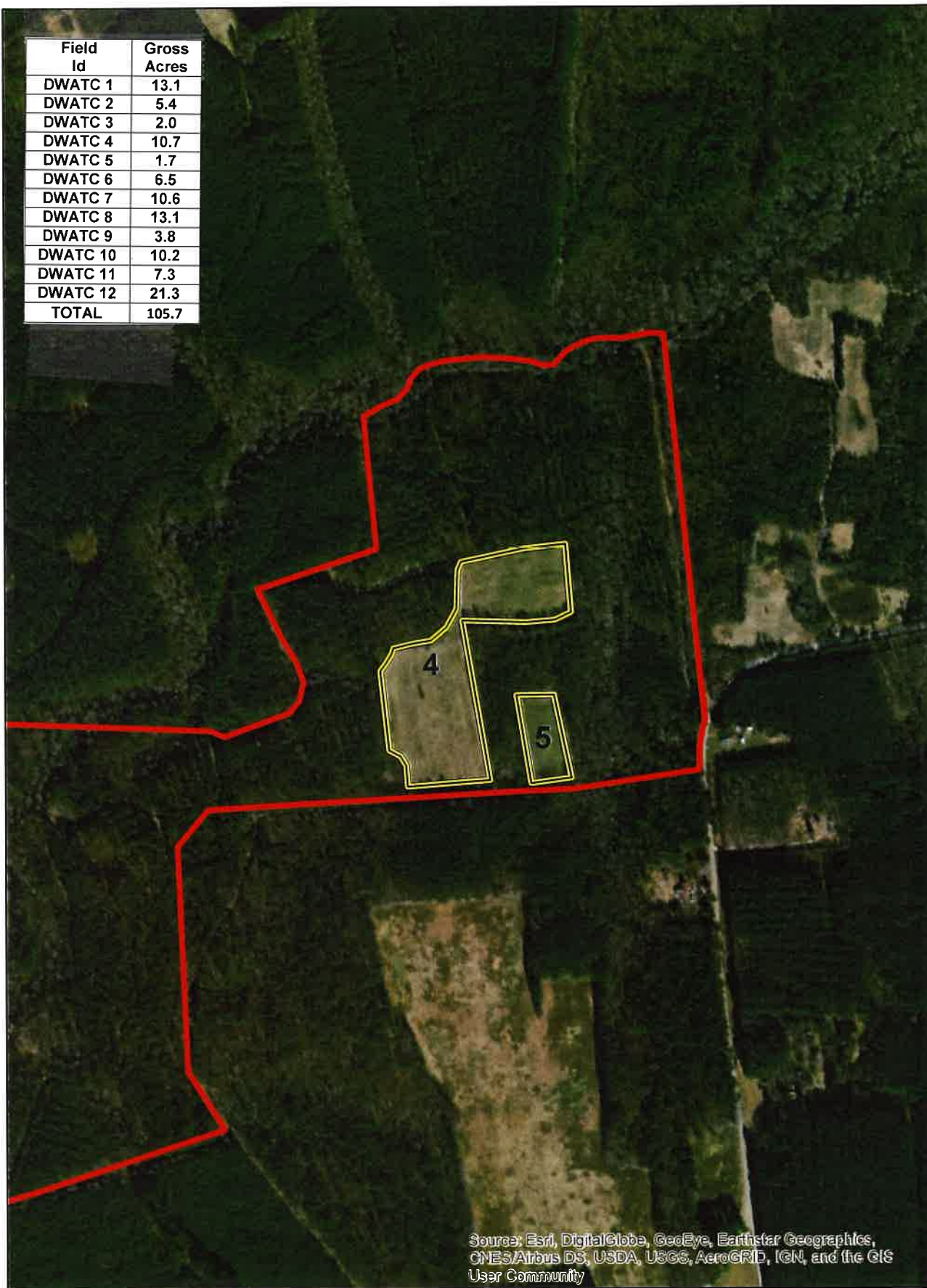
9-15-20

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWATC 1	13.1
DWATC 2	5.4
DWATC 3	2.0
DWATC 4	10.7
DWATC 5	1.7
DWATC 6	6.5
DWATC 7	10.6
DWATC 8	13.1
DWATC 9	3.8
DWATC 10	10.2
DWATC 11	7.3
DWATC 12	21.3
TOTAL	105.7



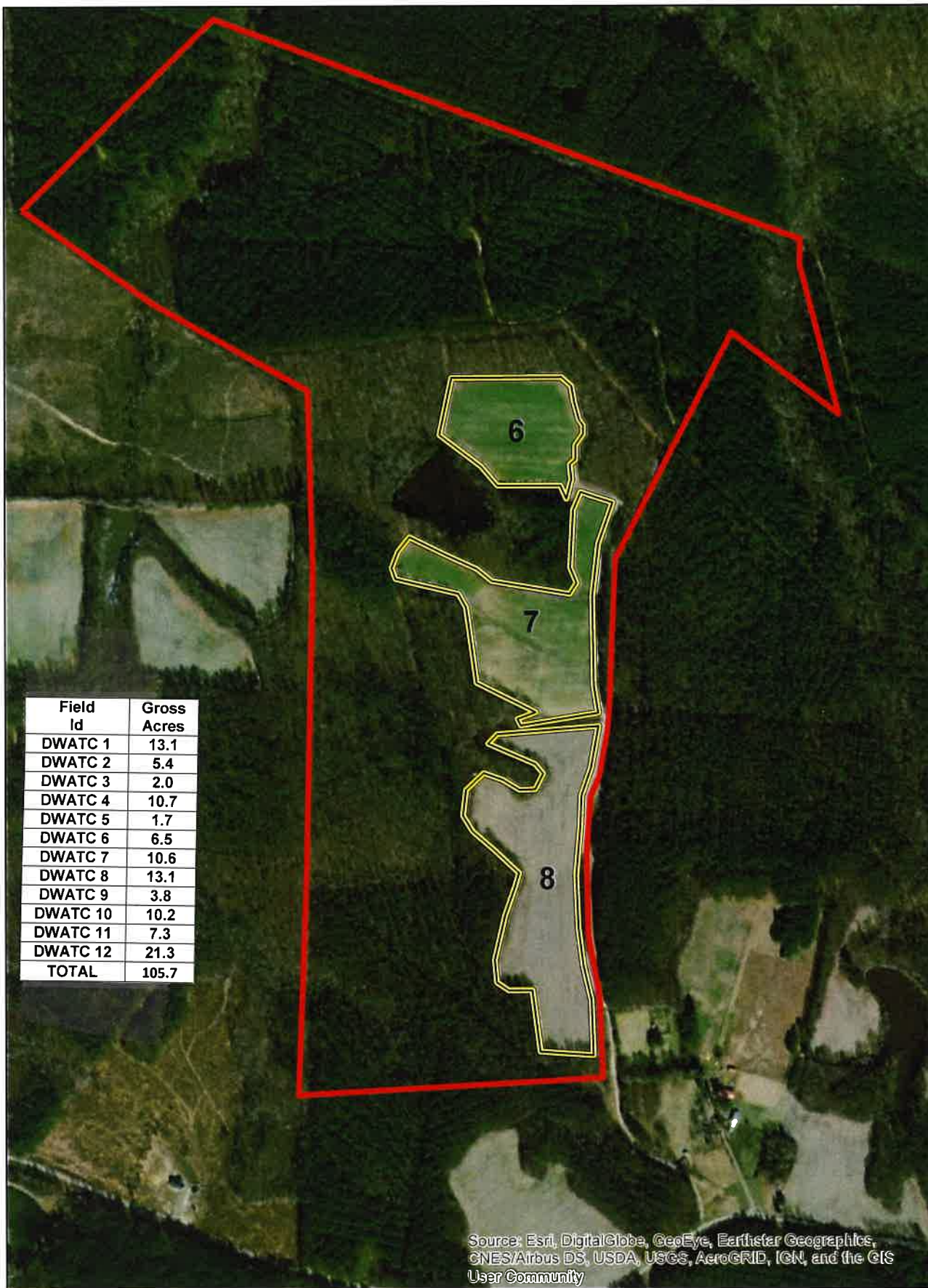
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



9-15-20

Aerial Map

1 in = 660 feet



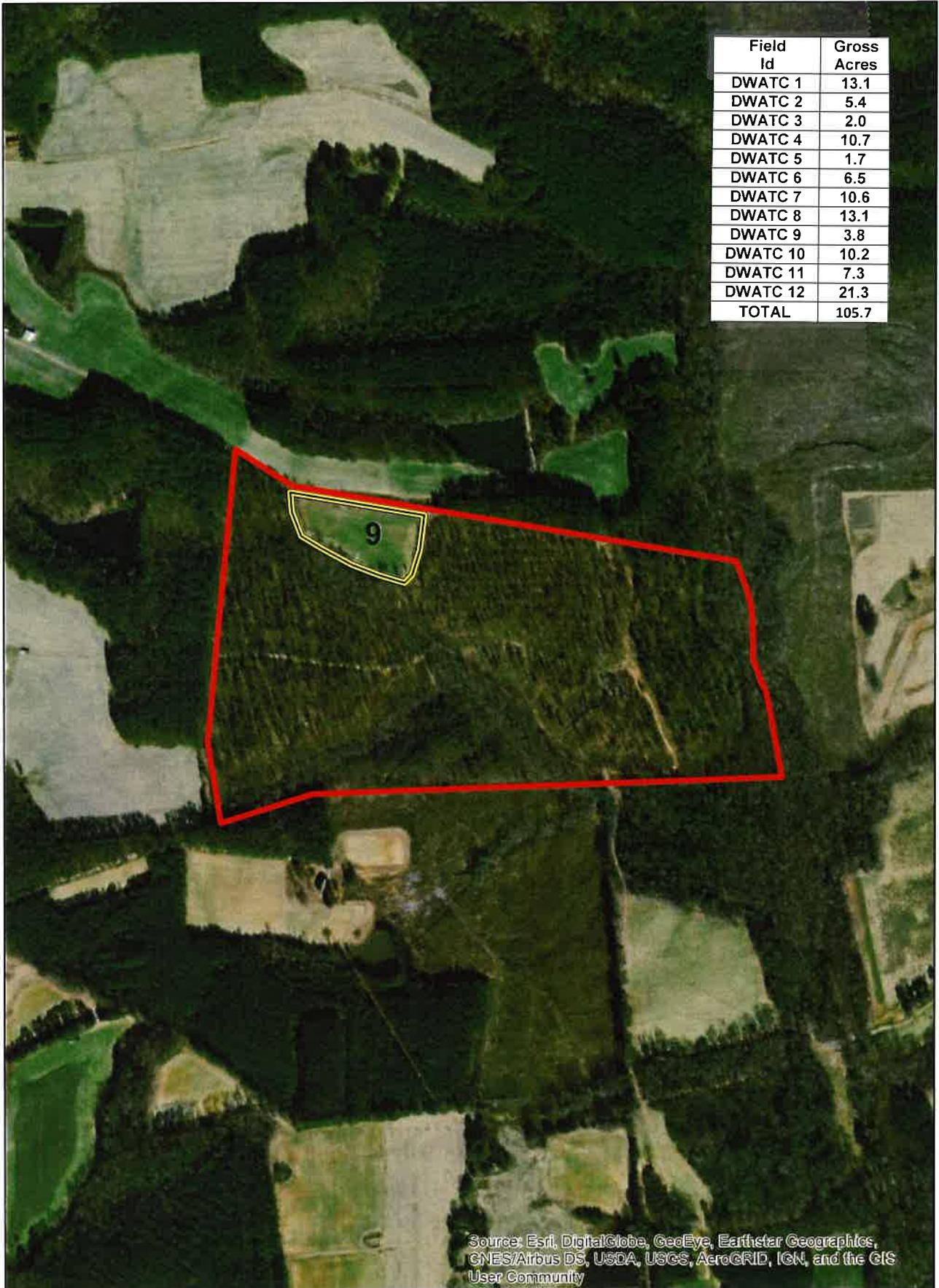
9-15-20

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWATC 1	13.1
DWATC 2	5.4
DWATC 3	2.0
DWATC 4	10.7
DWATC 5	1.7
DWATC 6	6.5
DWATC 7	10.6
DWATC 8	13.1
DWATC 9	3.8
DWATC 10	10.2
DWATC 11	7.3
DWATC 12	21.3
TOTAL	105.7

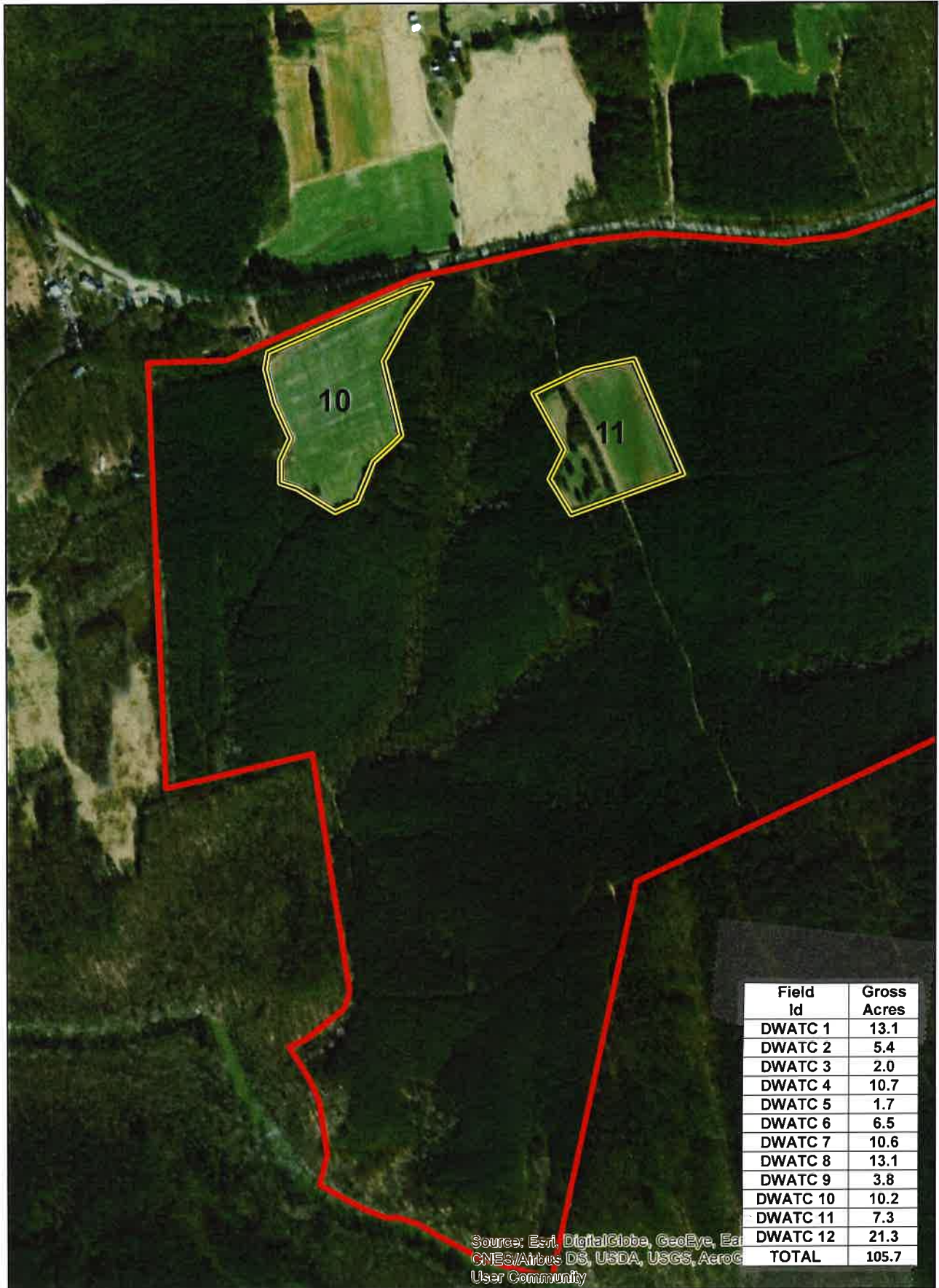


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

9-15-20

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWATC 1	13.1
DWATC 2	5.4
DWATC 3	2.0
DWATC 4	10.7
DWATC 5	1.7
DWATC 6	6.5
DWATC 7	10.6
DWATC 8	13.1
DWATC 9	3.8
DWATC 10	10.2
DWATC 11	7.3
DWATC 12	21.3
TOTAL	105.7



9-15-20

Aerial Map

1 in = 660 feet



Field Id	Gross Acres
DWATC 1	13.1
DWATC 2	5.4
DWATC 3	2.0
DWATC 4	10.7
DWATC 5	1.7
DWATC 6	6.5
DWATC 7	10.6
DWATC 8	13.1
DWATC 9	3.8
DWATC 10	10.2
DWATC 11	7.3
DWATC 12	21.3
TOTAL	105.7



9-15-20

Aerial Map

1 in = 660 feet



United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 618

Farm 4575

2019 Program Year

Map Created June 20, 2019



Common Land Unit

- Non-Cropland
- Cropland
- rcl_l_va053
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 12.87 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CDA, 026 and attached maps) for exact



United States
Department of
Agriculture

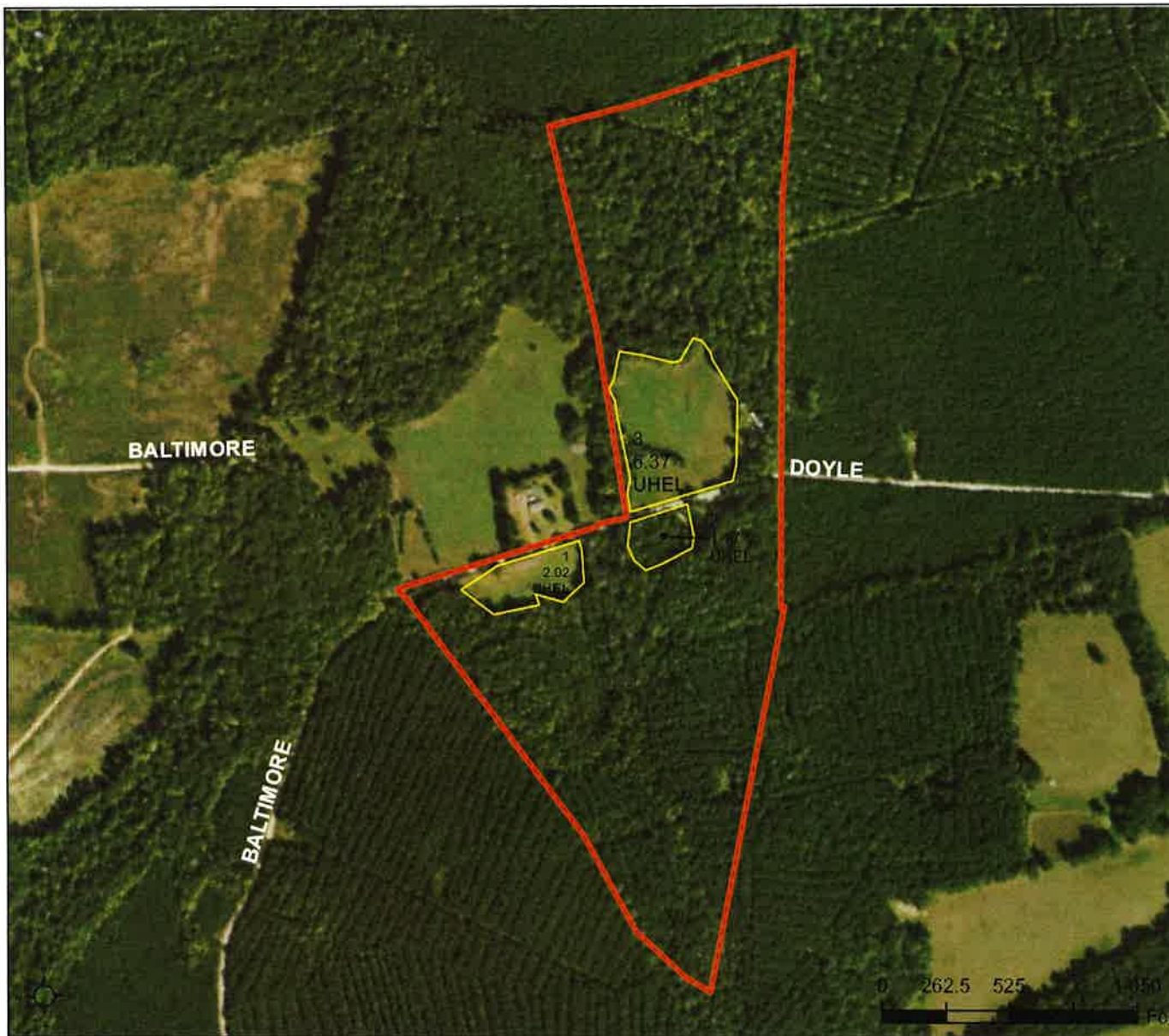
Dinwiddie County, Virginia

Tract 5224

Farm 4575

2019 Program Year

Map Created June 20, 2019



Common Land Unit

Non-Cropland

Cropland

rcl_1_va053

Tract Boundary

Wetland Determination Identifiers

Restricted Use

Limited

Exempt from Conservation Compliance Provisions

Tract Cropland Total: 9.56 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CDA 026 and attached maps) for exact



Tract 5223

0 320 640 1,280 1,920 2,560 Feet

Scale: 1 inch = 660 feet

DWLMH 4-5

9-15-20

AERIAL MAP





United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 412

Farm 4575

2019 Program Year

Map Created June 20, 2019



Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- ▼ Limited
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 20.60 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data "as is" and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any reliance on this data outside FSA Programs. Wetland identifiers do not represent the final change or specific determination of the area. Refer to your original determination (CDA 026 and attached maps) for exact



United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 2371

Farm 4575

2019 Program Year

Map Created June 20, 2019



Common Land Unit

- Non-Cropland
- Cropland
- Tract Boundary

Wetland Determination Identifiers

- Restricted Use
- Limited
- Exempt from Conservation Compliance Provisions

Tract Cropland Total: 4.08 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CDA 026 and attached maps) for exact



FSN 609
Tract 481

0 230 460 920 1,380 1,840

Scale: 1 inch = 660 feet

DWLMH 10-11

9-15-20

AERIAL MAP





United States
Department of
Agriculture

Dinwiddie County, Virginia

Tract 832

Farm 4575

2019 Program Year

Map Created June 20, 2019



Common Land Unit

- Non-Cropland
- Cropland
- rci_l_va053
- Tract Boundary











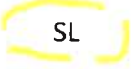


Wetland Determination Identifiers

- Restricted Use
- ▼ Limited
- Exempt from Conservation Compliance Provisions

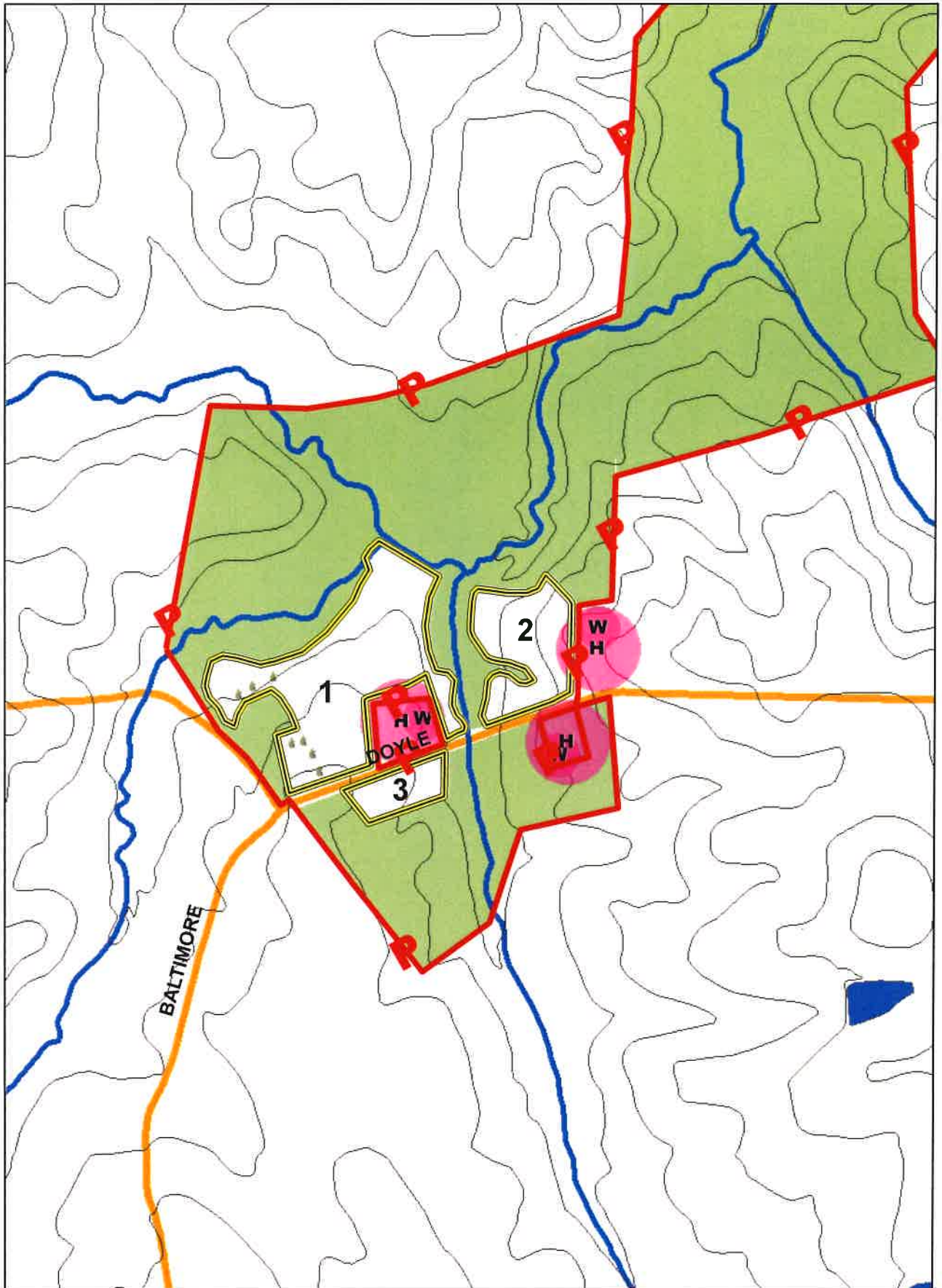
Tract Cropland Total: 15.87 acres

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any use of this data outside FSA Programs. Wetland identifiers do not represent the size, change, or specific determination of the area. Refer to your original determination (CDA 632 and attached maps) for exact

Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

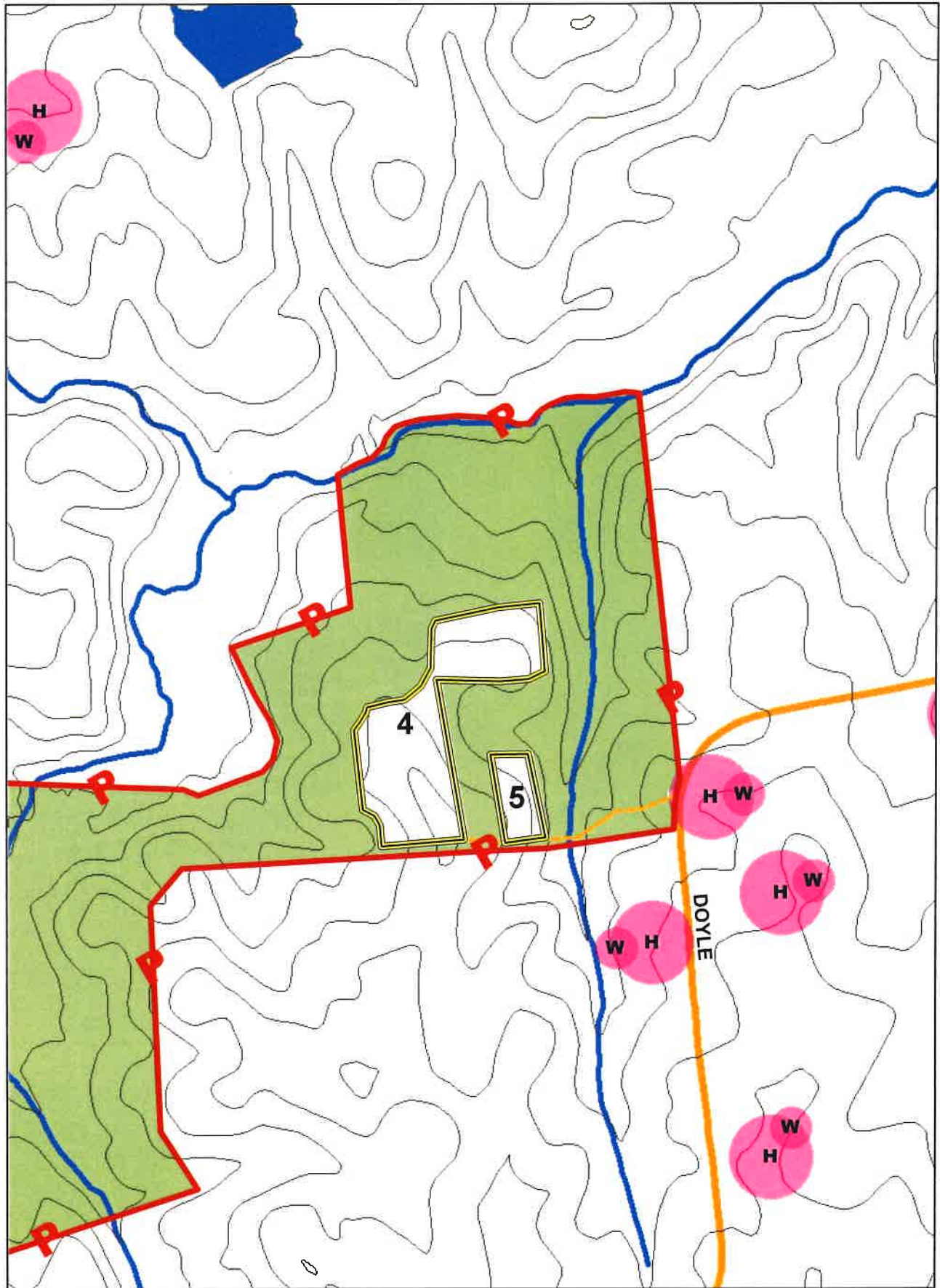
*Buffer can be reduced or waived upon written consent from landowner.



9-15-20

Site Map

1 in = 660 feet



9-15-20

Site Map

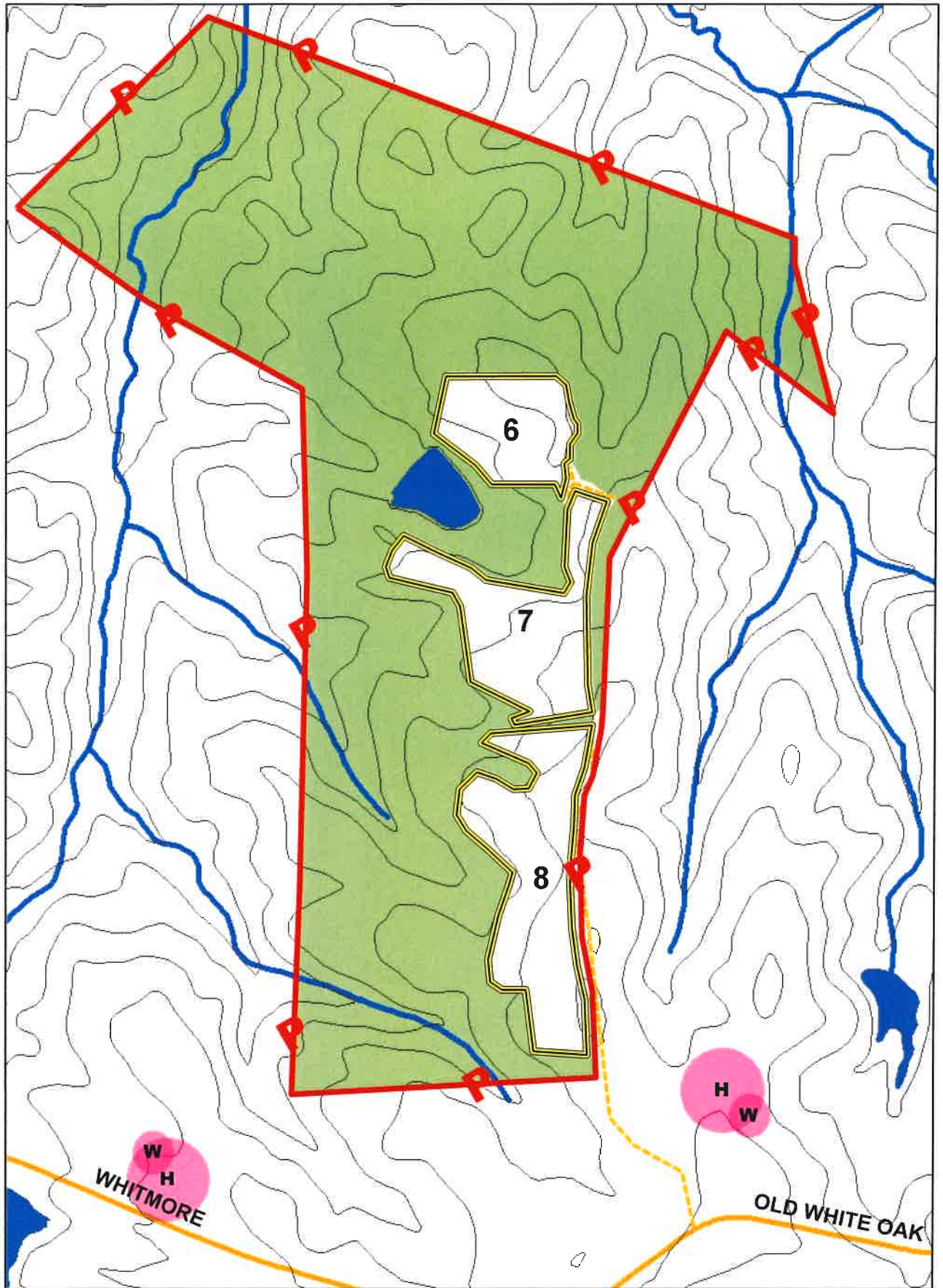
1 in = 660 feet



Recyc Systems
Inc.

Annsville Timber Company

DWATC



9-15-20

Site Map

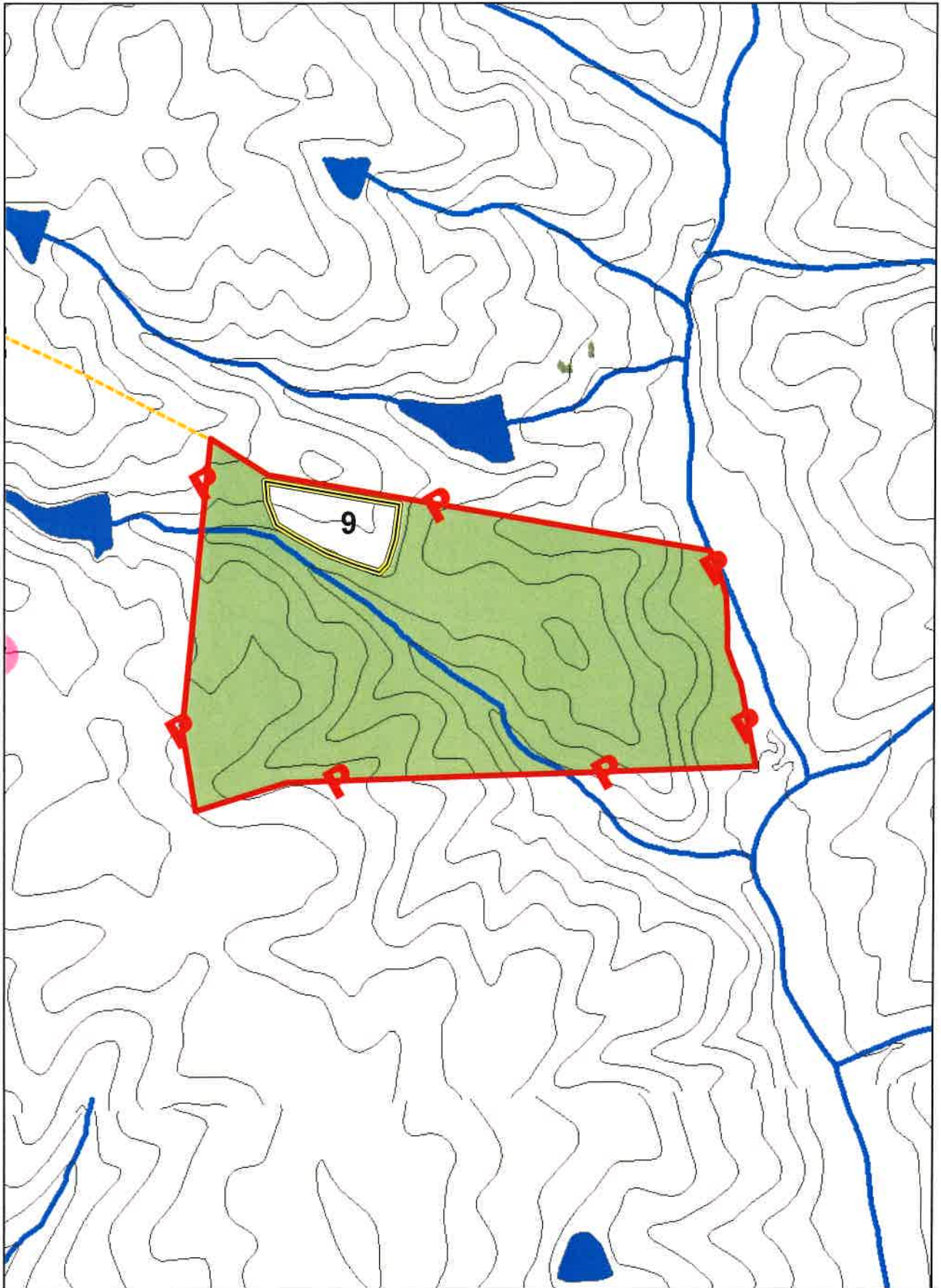
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Recyc Systems
Inc.

Annsville Timber Company

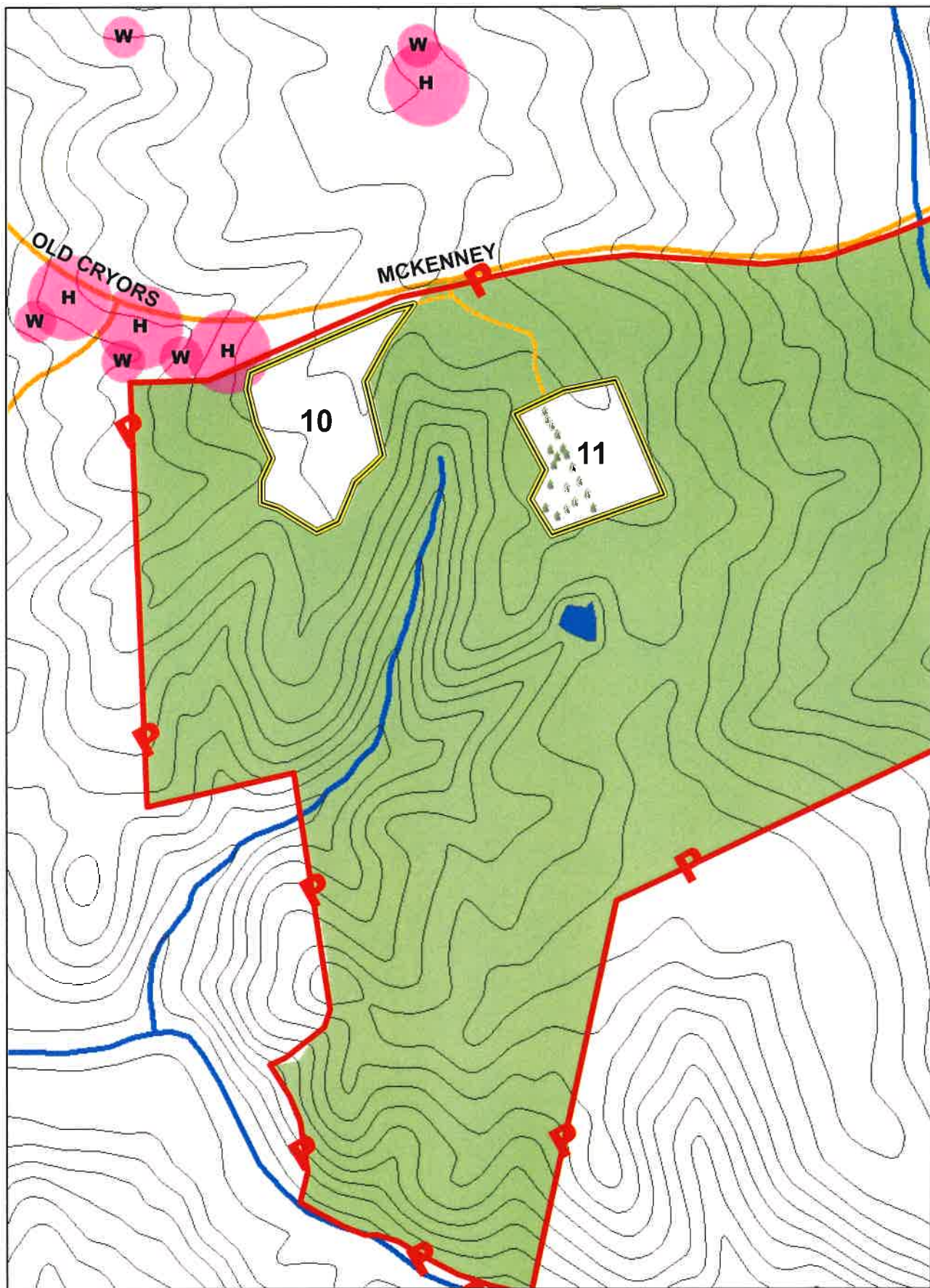
DWATC



9-15-20

Site Map

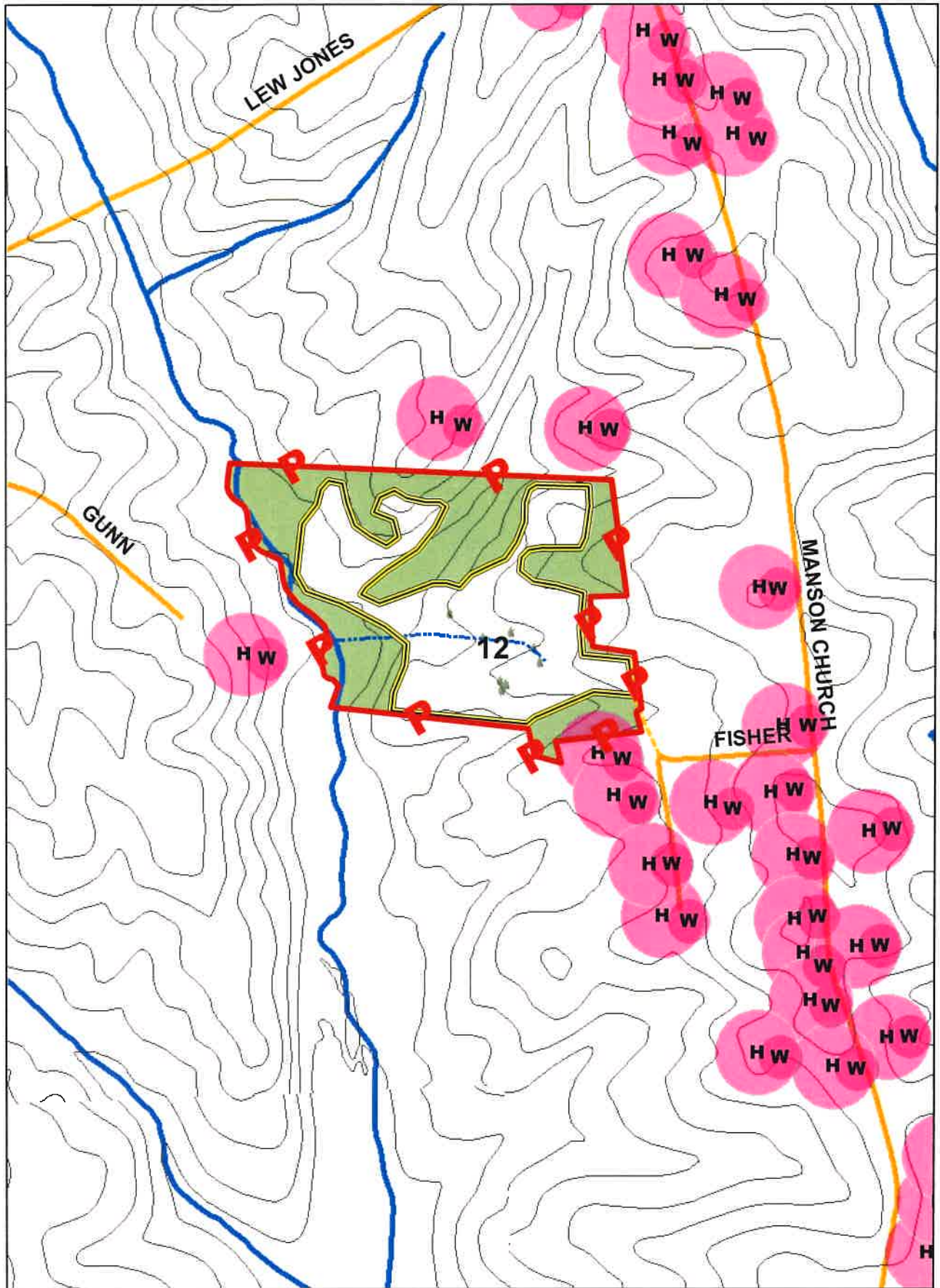
1 in = 660 feet



9-15-20

Site Map

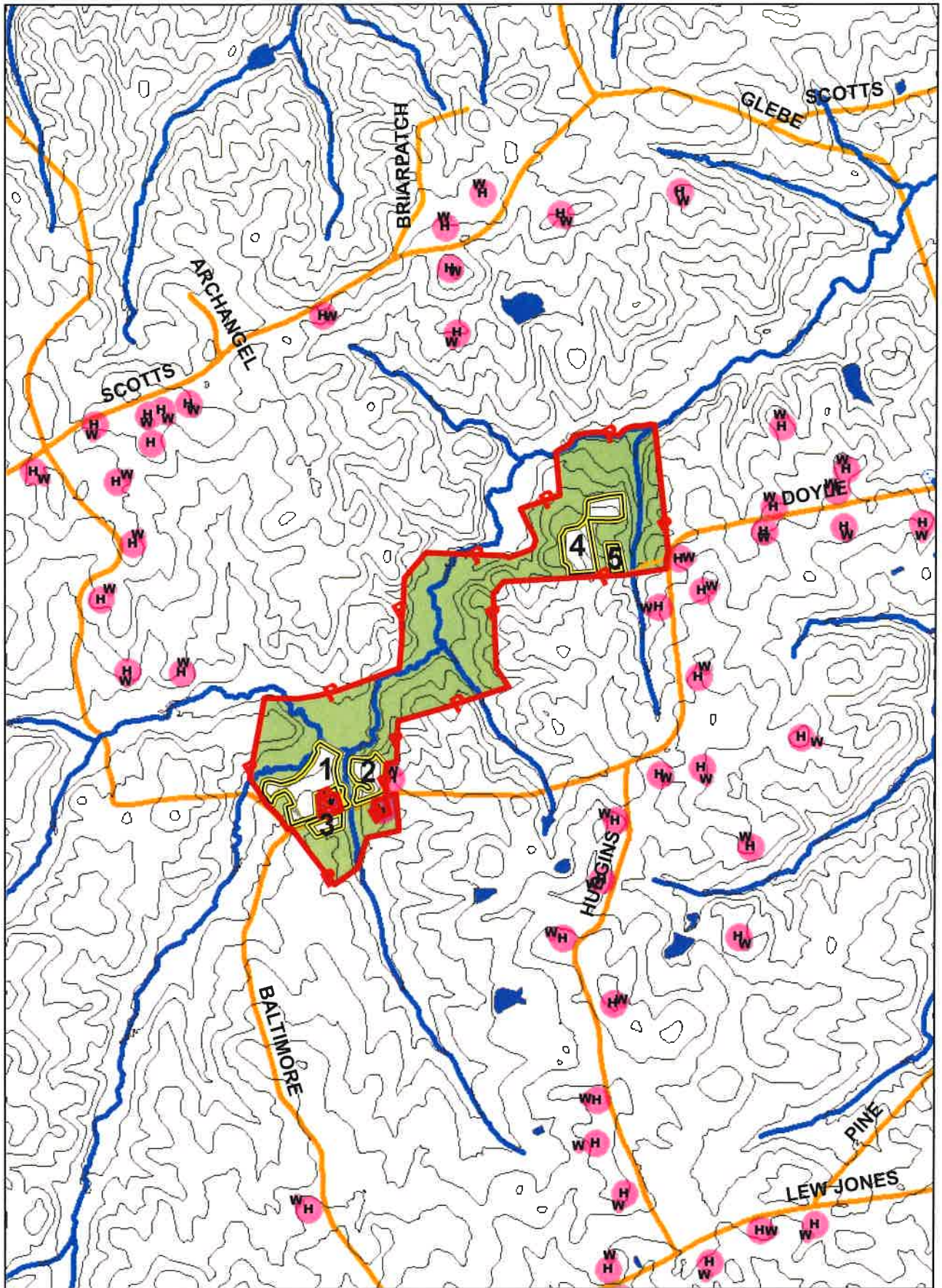
1 in = 660 feet



9-15-20

Site Map

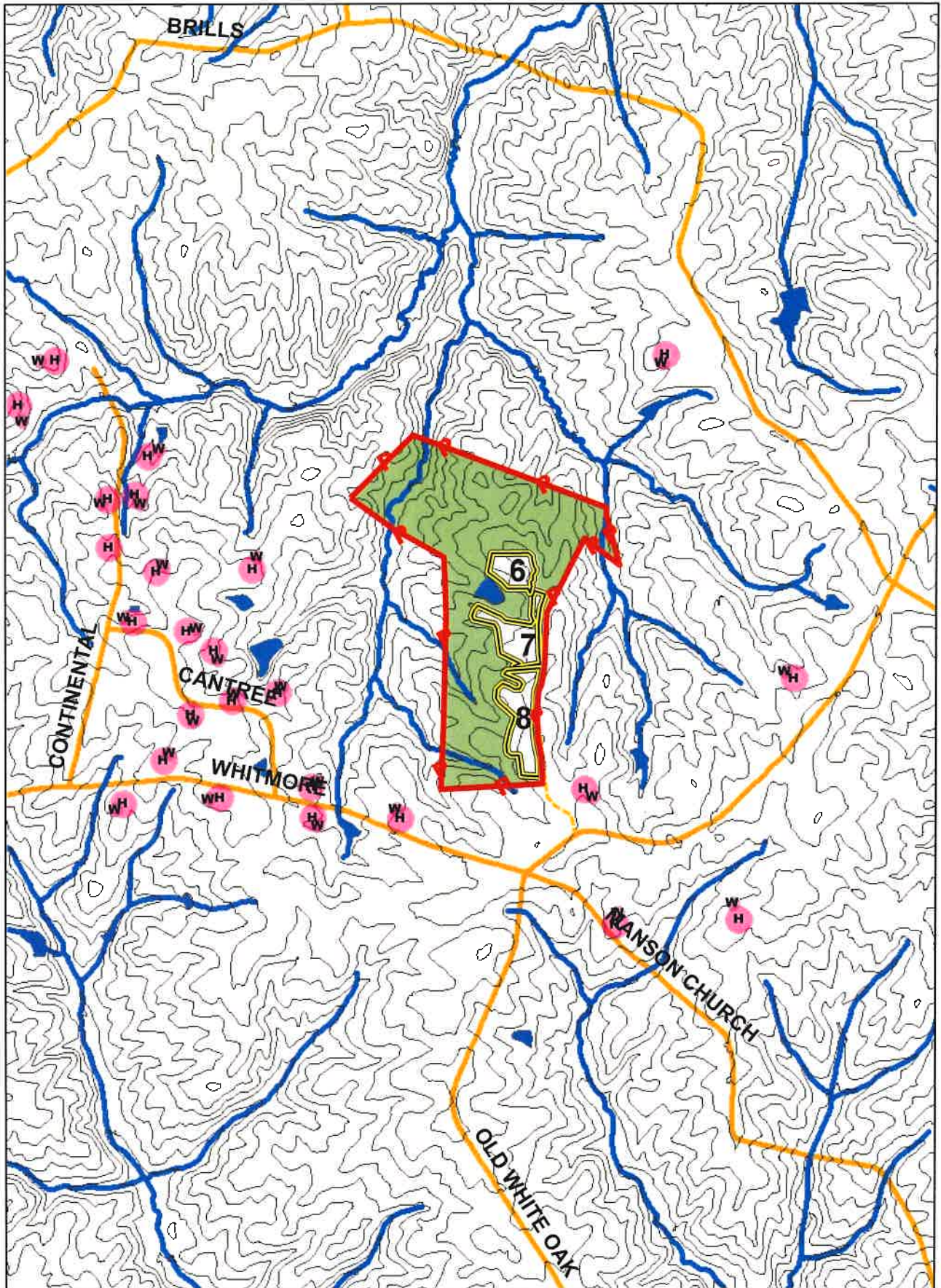
1 in = 660 feet



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Topographic Map

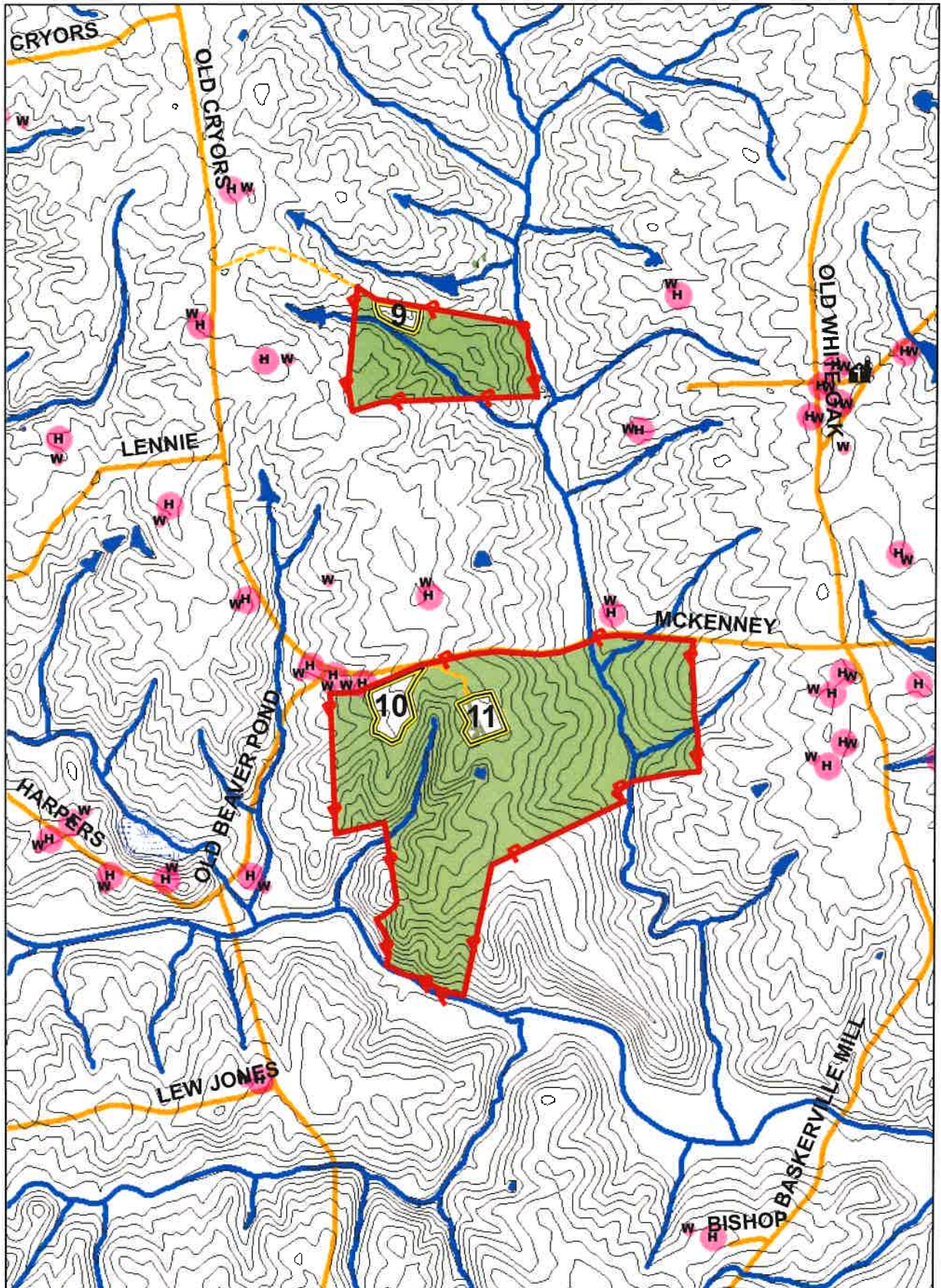
1 in = 2,000 feet



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Topographic Map

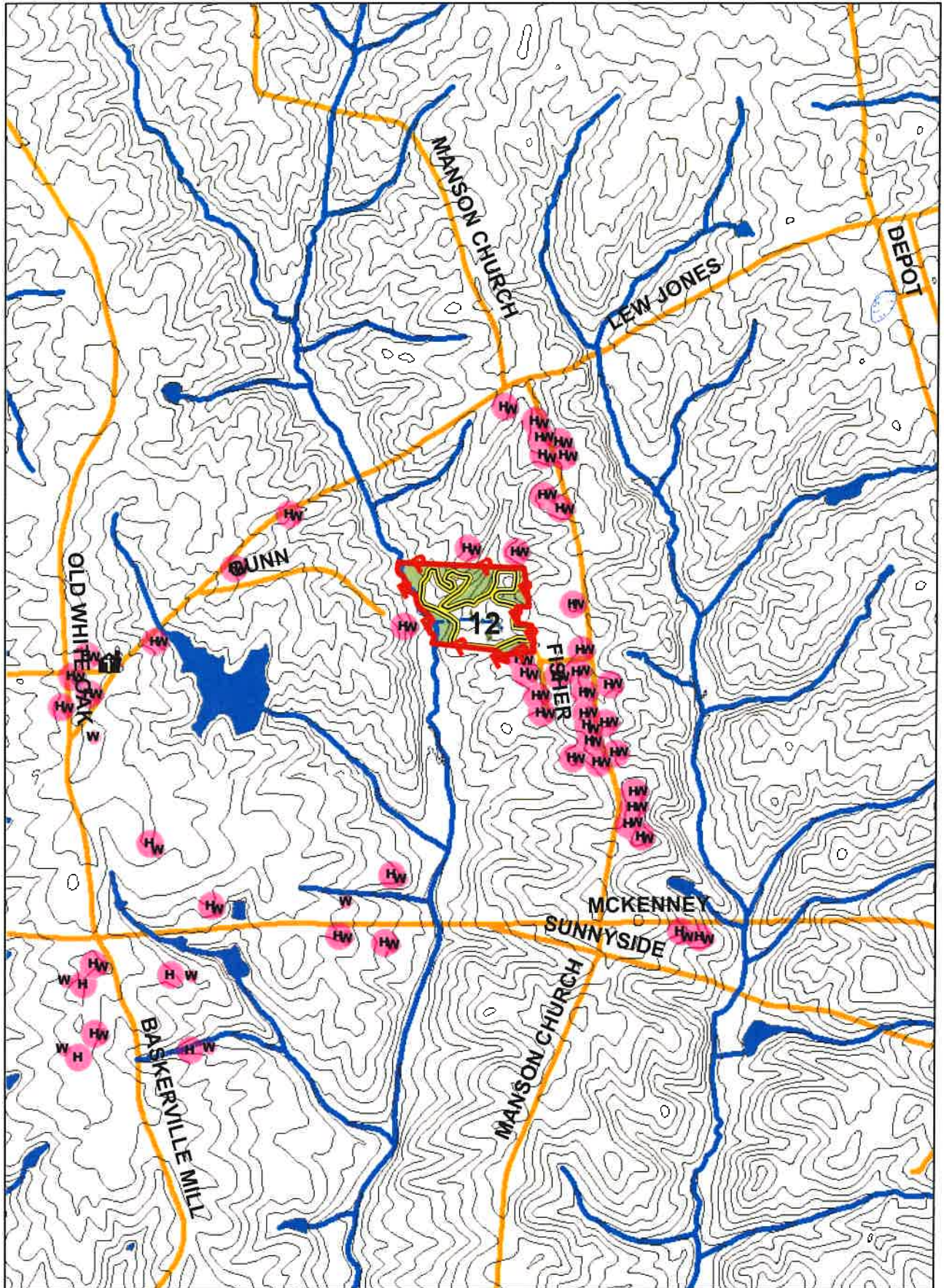
1 in = 2,000 feet



9-15-20

Topographic Map

1 in = 2,000 feet



9-15-20

Topographic Map

1 in = 2,000 feet